

Sequence 1, Appli 1
Sequence 11,75, A
Sequence 1, Appli 1
Sequence 910, App
Sequence 2, Appli 1
Sequence 1, Appli 1
Sequence 77, Appli 1
Sequence 3, Appli 1
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Sequence 124, App
Sequence 124, App
Sequence 48, App

28	8.3	536165	4	US-09-244-804-11175
29	27.8	8.3	391	US-09-244-976-11175
30	27.8	8.3	49136	3
31	27.6	8.2	11769	4
32	27.6	8.2	4403765	3
33	27.6	8.2	4411529	3
34	27.4	8.2	2302	4
35	27.2	8.1	940	2
36	27.2	8.1	940	2
37	27.2	8.1	940	3
38	27.2	8.1	940	4
39	27.2	8.1	940	4
40	27.2	8.1	1512	3
41	27.2	8.1	1512	3
42	27.2	8.1	1512	4
43	27.2	8.1	1659	4
44	27.2	8.1	1659	4
45	27.2	8.1	1785	2

total number of hits and significant above chance

Minimum DB seek length: 0

Cost-processing: Minimum Match 98 Maximum Match 100%

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— COMB. sea —
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i. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, derived by analysis of the total score distribution.

CONTINENTAL

Result No.	Query			DB	ID	Description	
	Score	Match	Length				
1	78.18	23.5	1878	US-09-620-312D-625	Sequence 625, App		
c	30.6	9.1	651	US-09-622-991A-4491	Sequence 4491, Ap		
c	30.6	9.1	3105	US-09-622-991A-4398	Sequence 4398, Ap		
c	30.2	9.0	531	US-09-621-991A-2911	Sequence 2911, Ap		
c	30	8.9	1080	US-09-622-991A-8705	Sequence 8705, Ap		
c	30	8.9	1233	US-09-622-991A-9076	Sequence 9076, Ap		
c	7	3.0	8.9	1293	US-09-623-991A-9249	Sequence 9249, Ap	
c	29.8	8.9	1281	US-09-639-039A-6423	Sequence 6423, Ap		
c	9	29.8	8.9	1882	US-09-670-312D-427	Sequence 427, App	
c	29.6	8.9	1162	US-08-838-15IA-1	Sequence 1, App1		
c	29.6	8.8	1166	US-08-838-15IA-1.3	Sequence 13, App1		
c	29.6	8.8	1169	US-08-838-15IA-3	Sequence 3, App1		
c	29.6	8.8	1169	US-08-838-15IA-5	Sequence 5, App1		
c	29.6	8.8	1169	US-08-838-15IA-7	Sequence 7, App1		
c	29.6	8.8	1246	US-08-838-15IA-15	Sequence 15, App1		
c	29.6	8.8	2602	US-08-838-15IA-17	Sequence 17, App1		
c	29	8.6	7615	US-09-622-312D-3330	Sequence 330, App		
c	29	8.6	7657	US-09-620-312D-3533	Sequence 353, App		
c	28.8	8.6	24707	US-09-620-312D-3	Sequence 3, App1		
c	28.4	8.5	5556	US-09-833-381-1969	Sequence 1969, Ap		
c	28.4	8.5	7286	US-08-793-273C-1	Sequence 1, App1		
c	28.4	8.5	7286	PCT/US201116841-1	Sequence 1, App1		
c	28.2	8.4	3416	US-08-357-642A-2	Sequence 2, App1		
c	28.2	8.4	3416	US-08-460-626-2	Sequence 2, App1		
c	28.2	8.4	3416	US-09-016-434-1483	Sequence 1483, Ap		
c	28.2	8.4	4089	US-09-300-958A-13	Sequence 13, App1		
c	28.2	8.4	4449	US-09-500-500-1444	Sequence 1444, App1		

APPLICANT: John TILLINGHAST
 APPLICANT: Drmanac, Radivoje T.
 TITLE OF INVENTION: No. 6569662el Nucleic Acids and
 TITLE OF INVENTION: Polypeptides
 FILE REFERENCE: 784C12B
 CURRENT APPLICATION NUMBER: US/09/620,312D
 CURRENT FILING DATE: 2000-07-19
 PRIOR APPLICATION NUMBER: 09/555,317
 PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/488,725
 PRIOR FILING DATE: 2000-01-21
 NUMBER OF SEQ ID NOS: 1105
 SOFTWARE: pt_Flu_Series Version 1.0
 SEQ ID NO: 625
 LENGTH: 188
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (945)..(1299)
 -09-620-312D-625

Query Match 23.5%; Score 78.8; DB 4; 1
 Best Local Similarity 87.0%; Fred. No. 7.6e-19;
 Matches 108; Conservative 0; Mismatches 13;

2 GETGCATCTTCTATGCTTCCCTGCTGGCTATGGC
 464 GETGCATCCCTTCTATGCTTCCCTGCTGTGATAATGGC

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RESULT 1
US-09-620-312D-625
; Sequence 625, Application US/09620312D

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Qy 6 2 GACAGCTGTTTCATGATGACTGGACCCCTGGCGTGTGCGTGTGCGTGTGCGTGTG 121
Db 5 24 GAGCTCTAT-TCATAATGGACTGGACCCCTGGCGTGTGCGTGTGCGTGTGCGTGTG 581
Qy 122 NAT 124
Db 582 ATT 584

RESULT 2
US-09-252-991A-4491/c
; Sequence 4491, Application US/09252991A
; Patent No. 6551795
GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.13.6
; CURRENT APPLICATION NUMBER: US/09-252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 4491
; LENGTH: 651
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-4491

Query Match 9.1%; Score 30.6%; DB 4; Length 651;
Best Local Similarity 45.0%; Pred. No. 0.32%; Indels 0; Gaps 0;
Matches 90; Conservative 0; Mismatches 110; Gaps 0;

Qy 95 GGCNCATGATGAGGCCAACATGTTGATTCTATCAGCTACCCGTTGNTACAAGCTTA 154
Db 368 GCGCGGATTGGCCACCGGCCGAGGGCTGGTTGATCATGGTTGATCGGGCTGGCG 309
Qy 155 GNTCTAAGGAGAAGAAGTATGGGACTCTCTGTGAGACCTATCTGATGCCGNTGGCC 214
Db 308 ATCTGCGGGCGCATAGCGCCGGTTCAGCTCGCTCTGCTCATCGCCCTGCAAGCT 249
Qy 215 TGTGNTTCCAGGGGNCCTGGTCTCCATGCTAGAGGGTTCAAGAAAGGGCCCG 274
Db 248 TGACTGTTGAGGGCTGGTGGTGGGGCTCTGGTCTGCTGCTGAGCAGGGCTCG 189
Qy 275 CNGATGCCAGTCCTTGENCA 294
Db 188 CTCATGCCACAGGGCA 169

RESULT 3
US-09-252-991A-4398/c
; Sequence 4398, Application US/09252991A
; Patent No. 6551795
GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.13.6
; CURRENT APPLICATION NUMBER: US/09-252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 4398
; LENGTH: 3105
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-4398


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Query Match 9.1%; Score 30.6; DB 4; Length 3105;
 Best Local Similarity 45.0%; Pred. No. 0..8;
 Matches 90; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

Qy 95 GCGNCCTGATGGCACCACATGTTGNNATTATCACCTACCCGTGTNTACAAGTGTAA 154
 Db 615 GCGGGGATTTGGCCACAGGCCAGGGAGCCCTGGCTGATCATCATGGTTCGGCATGGCG 556

Qy 155 GNCTCAAGGAGAATAGGGAGATGGGGATCTGTGTAGACCTATCGTAATCCCGNNNTGGCC 214
 Db 555 ATCTGGCAAGGGCATAGCCGGTTCATGGCTTGGCTCATCTGCACCTCTGCAGACT 496

Qy 215 TGAGNTTCAGGGGNCCTGGGTCATGGCTTGGCTCATGGCTTGGCTCATGGCTTGGCTCG 274
 Db 495 TGCATGTTAGGGCGCTGGTGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTCG 436

Qy 275 CNGATGGCAGTCCTGGCTCAAGNAAAGGGGCG 294
 Db 435 CTTCATGGCCAGGGCGCGCA 416

RESULT 4
 / Sequence 2911, Application US/09621976
 / Parent No. 6639063
 / GENERAL INFORMATION:
 / APPLICANT: Dumas Milline Edwards, J.B.
 / APPLICANT: Jober, S.
 / APPLICANT: Giordano, J.Y.
 / TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 / FILE REFERENCE: GENSET 054PR2
 / CURRENT APPLICATION NUMBER: US/09/621,976
 / CURRENT FILING DATE: 2000-07-21
 / NUMBER OF SEQ ID NOS: 19335
 / SOFTWARE: Patent-ppm
 / SEQ ID NO: 2911
 / LENGTH: 531
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 177..521

US-09-621-976-2911
 Query Match 9.0%; Score 30.2; DB 4; Length 531;
 Best Local Similarity 51.2%; Pred. No. 0..4;
 Matches 62; Conservative 0; Mismatches 59; Indels 0; Gaps 0;

Qy 166 AGGATAGGGACTCTTGTGACCTATCGTAATCCGGNNNTGGCCCTGAGNTTCAG 225
 Db 147 AGGAGATGGCAGCCCTGGCTAGGCGGTCAACCCGACTCTTCGTAAGCCTCGC 88

Qy 226 AGGGNCCTGTCCTCCATGCCATGCCATGCCATGCCATGCCATGCCAGT 285
 Db 87 AGCGGCCCTGGCATCAAGTCTGGGTCAAGGAGAGAGATAATAGCAGC 28

Qy 286 C 286
 Db 27 C 27

RESULT 5
 US-09-252-991A-8705/C
 / Sequence 8705, Application US/09252991A
 / Parent No. 6551795
 / GENERAL INFORMATION:
 / APPLICANT: Marc J. Rubenfield et al. NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 / TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 / FILE REFERENCE: 107196..136
 / CURRENT APPLICATION NUMBER: US/09/252,991A
 / CURRENT FILING DATE: 1999-02-18

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; PRIORITY APPLICATION NUMBER: US 60/074,788
; PRIORITY FILING DATE: 1998-02-18
; PRIORITY APPLICATION NUMBER: US 60/094,190
; PRIORITY FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 8705
; LENGTH: 1080
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-8705

Query Match Score 30;
Best Local Similarity 54.5%; Pred. No.
Matches 54; Conservative 0; Mismatches 0

    173 TGGGAGCTTCTCTGAGACCTATCTGAAATC
    533 TGGGCGGCTCGGTCACTGGCTGAAGT
    233 TGGTCTGTOCCATGGCCTAGCAGGGTTCAAC
    473 TGTTCACCCGGCTGGCCAAAGGAGAGCCG

RESULT 6
US-09-252-991A-9076
; Sequence 9076, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEAR ACID AND AMIDE
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US 09/252,991
; CURRENT FILING DATE: 1999-02-18
; PRIORITY APPLICATION NUMBER: US 60/074,788
; PRIORITY FILING DATE: 1998-02-18
; PRIORITY APPLICATION NUMBER: US 60/094,190
; PRIORITY FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 9076
; LENGTH: 1233
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-9076

Query Match Score 30;
Best Local Similarity 54.5%; Pred. No.
Matches 54; Conservative 0; Mismatches 0

    173 TGGGAGCTTCTCTGAGACCTATCTGAAATC
    725 TGGGCGGCTCGGTCACTGGCTGAAGT
    233 TGGTCTGTOCCATGGCCTAGCAGGGTTCAAC
    785 TGTTCACCCGGCTGGCCAAAGGAGAGCCG

RESULT 7
US-09-252-991A-9249
; Sequence 9249, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEAR ACID AND AMIDE
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US 09/252,991
; CURRENT FILING DATE: 1999-02-18
; PRIORITY APPLICATION NUMBER: US 60/074,788
; PRIORITY FILING DATE: 1998-02-18
; PRIORITY APPLICATION NUMBER: US 60/094,190
; SEQ ID NO: 9249
; LENGTH: 1233
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-9249

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PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO: 9249
LENGTH: 1293
TYPE: DNA
ORGANISM: *Pseudomonas aeruginosa*
US-09-2322-99249-9249

RESULT 7
 US-09-252-991A-9249
 / Sequence 9249, Application US/09252991A

PATENT NO. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 9076
 LENGTH: 1233
 TYPE: DNA
 ORGANISM: *Pseudomonas aeruginosa*

Query Match 8.9%; Score 30; DB 4; Length 1233;
 Best Local Similarity 54.5%; Pred. No. 0.78; Mismatches 0; Indels 0; Gaps 0;
 Matches 54; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

Qy 173 TGGGACTCTGTGACCTATCTGATCCGCTGAGNTTCAGGGNCC 232
 Dy 725 TGGGACGCCCTGCTCATGGCTGAGTGGCAGGTGGTGCCTGCC 784
 Db 233 TGGTGTCCATCGCTTAGGAGGTCAAGNAAGGGC 271
 Qy 785 TGTTCACCCGCTGCCCCAGGAGGAGGCGGC 823

RESULT 8
 US-09-489-039A-6423/C
 / Sequence 6423, Application US/09489039A

PATENT NO. 6610336
 GENERAL INFORMATION:
 APPLICANT: Gary Breton et al.
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 2709.200401
 CURRENT APPLICATION NUMBER: US/09/489,039A
 PRIORITY APPLICATION NUMBER: US 60/117,747
 CURRENT FILING DATE: 2000-01-27
 PRIOR FILING DATE: 1999-02-18
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 6423
 LENGTH: 1281
 TYPE: DNA
 ORGANISM: *Klebsiella pneumoniae*

Query Match 8.9%; Score 29.8; DB 4; Length 1281;
 Best Local Similarity 45.7%; Pred. No. 0.95; Mismatches 0; Indels 0; Gaps 0;
 Matches 85; Conservative 0; Mismatches 101; Indels 0; Gaps 0;

Qy 100 TGCATGAGGCCACCATATGTTGATTCTACAGCTACCCGTTGTTACAGCTTCTGAGCTTCATCTGAACTCCGAGTC 159
 Db 191 TACTAAGCGCCACTATCGCGCTGGTGGGGTACCAAGAGGTAAGGCCACCCCA 132
 Qy 160 AAAGGAAGATACTGGAGCTCTCTGAGCTTCTGAGCTTCATCTGAACTCCGAGTC 219
 Db 131 TCAGACAGTTATGGTTGCTTGTAGTGTATGACCTGGGCTCTGTGAGC 72
 Qy 220 TTCCAGAGGNCCTGGTGCCTGCTGCTGAGTGGTCAAGNAAGGGCCGGNCAT 279
 Db 71 TTCACTGGGGTATCTATTCAATTGAACTGGAACTTACCCCAATGTACCCACAT 12
 Qy 280 GGCACT 285
 Db 11 GAATCT 6

RESULT 9
 US-09-620-312D-427
 / Sequence 427, Application US/09620312D

PATENT NO. 6569612
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 9076
 LENGTH: 1233
 TYPE: DNA
 ORGANISM: *Pseudomonas aeruginosa*

Query Match 8.9%; Score 30; DB 4; Length 1233;
 Best Local Similarity 54.5%; Pred. No. 0.78; Mismatches 0; Indels 0; Gaps 0;
 Matches 54; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

Qy 173 TGGGACTCTGTGACCTATCTGATCCGCTGAGNTTCAGGGNCC 232
 Dy 725 TGGGACGCCCTGCTCATGGCTGAGTGGCAGGTGGTGCCTGCC 784
 Db 233 TGGTGTCCATCGCTTAGGAGGTCAAGNAAGGGC 271
 Qy 785 TGTTCACCCGCTGCCCCAGGAGGAGGCGGC 823

CURRENT APPLICATION DATA:
 APPLICANT: Zhao, Qing A.
 APPLICANT: Wehrman, Tom
 APPLICANT: Xue, Aidong J.
 APPLICANT: Yang, Yonghong
 APPLICANT: Wang, Jian-Rui
 APPLICANT: Zhou, Ping
 APPLICANT: Ma, Yunqing
 APPLICANT: Wang, Dunrui
 APPLICANT: Wang, Zhiwei
 APPLICANT: John Tillinghast
 APPLICANT: Domana, Radco T.
 TITLE OF INVENTION: No. 6569662e1 Nucleic Acids and
 FILE REFERENCE: 784C1P2B
 CURRENT APPLICATION NUMBER: US/09/620,312D
 CURRENT FILING DATE: 2000-07-19
 PRIOR APPLICATION NUMBER: 09/552,317
 PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/488,725
 PRIOR FILING DATE: 2000-01-21
 NUMBER OF SEQ ID NOS: 1105
 SOFTWARE: pt_FL_genes Version 1.0
 SEQ ID NO: 427
 LENGTH: 182
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: (110) .. (1371)
 JS-09-620-312D-427

Query Match 8.9%; Score 29.8; DB 4; Length 1882;
 Best Local Similarity 45.8%; Pred. No. 1.2;
 Matches 76; Conservative 0; Mismatches 90; Indels 0; Gaps 0;
 Dy 167 GAAATGGGAGCTTCTGAGCTATCTGAAATCCCGTGTGAGGNTTCCAGA 226
 Db 113 GAGGATTCCCATTTCTCTGGCTGGACCAAGATGCTGGTCCACA 172
 Dy 227 GGCNCCTGTCATGGCTGAGGTTCAGNAAGGGCCGCGCATGGAGTC 286
 Db 173 GCGAAGTGGGGCTGTTGGCTGAGTCATGGAGGAGAGC 232

Query Match 8.9%; Score 29.6; DB 3; Length 1162;
 Best Local Similarity 63.1%; Pred. No. 1.1;
 Matches 41; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
 Qy 205 CGANTGGCCGTGAGNTTCCAGGGNCCTGGCTCCATGGCTGAGGTTCAAGNA 264
 Db 660 CGGGGGCACTGGCCGGGGATGGAGACCTGATCGTCCAGGGTAAAGTCAAGAA 719

RESULT 10
 JS-08-838-151A-1
 Sequence 1, Application US/08838151A
 Patent No. 6291743
 GENERAL INFORMATION:
 APPLICANT: Stout, John T
 APPLICANT: Iu, Hang T
 APPLICANT: Maxwell, Douglas
 APPLICANT: Ahlnquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 TITLE OF INVENTION: Genes
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 STREET: Two Prudential Plaza, Suite 4700
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC-compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.30
 RESULT 11
 US-08-838-151A-13
 Sequence 13, Application US/08838151A
 Patent No. 6291743
 GENERAL INFORMATION:
 APPLICANT: Stout, John T
 APPLICANT: Iu, Hang T
 APPLICANT: Maxwell, Douglas
 APPLICANT: Ahlnquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 STREET: Two Prudential Plaza, Suite 4700
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC-compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.30
 CURRENT APPLICATION DATA:
 APPLICANT NUMBER: US/08/838,151A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38,978
 REFERENCE/DOCKET NUMBER: SVS3601P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-616-5460
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1162 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Tomato Mottle Gemini Virus
 INDIVIDUAL ISOLATE: Florida
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..1127
 PUBLICATION INFORMATION:
 AUTHORS: Gilbertson, RL
 AUTHORS: Hidayat, SH
 AUTHORS: Paplomatas, EJ
 AUTHORS: Rojas, MR
 AUTHORS: Hou, YM
 AUTHORS: Maxwell, DP
 TITLE: Pseudorecombination between the infectious
 TITLE: Cloned DNA components of tomato mottle and bean
 TITLE: dwarf mosaic geminiviruses.
 JOURNAL: Jour. General Virol.
 VOLUME: 74
 PAGES: 23-31
 DATE: 1993
 US-08-838-151A-1

COUNTRY: U.S.A.
 ZIP: 60601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,151A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38,978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-616-5460
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1166 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: Single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Tomato Mottle Geminivirus
 INDIVIDUAL ISOLATE: Florida
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..436

US-08-838-151A-13

Query Match 8.8%; Score 29.6; Pred. No. 1.1; Length 1166;
 Best Local Similarity 63.1%; Mismatches 24; Indels 0; Gaps 0;
 Matches 41; Conservative 0; Pred. No. 1.1; Length 1169;
 Score 29.6; DB 3; Length 1169;

Qy 205 CGATTCGCTTCAGTTCCAGGGNCCTGCTGTCATCCCTAGCAGGTTCAAGNA 264
 Db 664 CGGTGCAAGTCGCGGCCAGAGACCTGTAAGTATCATCTCGACGGTATTCAGAA 723

Qy 265 AAGGG 269
 Db 724 CAGGG 728

RESULT 12

US-08-838-151A-3
 Sequence 3, Application US/08838151A
 Patent No. 6291743
 GENERAL INFORMATION:
 APPLICANT: Stout, John T
 APPLICANT: Luu, Hang T
 APPLICANT: Maxwell, Douglas
 APPLICANT: Ahliquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 TITLE OF INVENTION: Genes
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milhamow & Katz
 STREET: Two Prudential Plaza, Suite 4700
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,151A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38,978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-616-5460
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1169 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: Single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Tomato Mottle Gemini Virus
 STRAIN: Florida
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..1127
 PUBLICATION INFORMATION:
 AUTHORS: Gilbertson, RL et al.
 TITLE: Pseudorecombination between the infectious
 cloned DNA components of tomato mottle and bean
 dwarf mosaic geminivirus.
 JOURNAL: Journal of General Virology
 VOLUME: 74
 PAGES: 23-31
 DATE: 1993

US-08-838-151A-3

Query Match 8.8%; Score 29.6; DB 3; Length 1169;
 Best Local Similarity 63.1%; Pred. No. 1.1;
 Matches 41; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
 Score 29.6; DB 3; Length 1169;

Qy 205 CGATTCGCTTCAGTTCCAGGGNCCTGCTGTCATCCCTAGCAGGTTCAAGNA 264
 Db 660 CGGTGCAAGTCGCGGCCAGAGACCTGTAAGTATCATCTCGACGGTATTCAGAA 719

Qy 265 AAGGG 269
 Db 720 CAGGG 724

RESULT 13

US-08-838-151A-5
 Sequence 5, Application US/08838151A
 Patent No. 6291743
 GENERAL INFORMATION:
 APPLICANT: Stout, John T
 APPLICANT: Luu, Hang T
 APPLICANT: Maxwell, Douglas
 APPLICANT: Ahliquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 TITLE OF INVENTION: Genes
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milhamow & Katz
 STREET: Two Prudential Plaza, Suite 4700
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,151A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mueller, Lisa V
REGISTRATION NUMBER: 38,978
REFERENCE/DOCKET NUMBER: SVS3801P0260
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-616-5400
TELEFAX: 312-616-5460
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 1169 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Tomato Mottle Gemini Virus
STRAIN: Florida
FEATURE:
NAME/KEY: CDS
LOCATION: 44..1127

US-08-838-151A-7

Query Match 8.8%; Score 29.6; DB 3; Length 1169;
Best Local Similarity 63.1%; Pred. No. 1.1;
Matches 41; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

Qy 205 CGNNTCGCCCTGAGNTTCAGAGGGNCCTGGTCCATCCCTAACAGGGTTCAAGNA 264
Db 660 CGGGTGCAGCTGGGGCAGAGACCTGTAAGTATCATGAGGTGATTCAAGAA 719

RESULT 14
US-08-838-151A-7
Sequence 7, Application US/08838151A
Patent No. 6291743
GENERAL INFORMATION:
APPLICANT: Stout, John T
APPLICANT: Luu, Hang T
APPLICANT: Maxwell, Douglas
APPLICANT: Ahlquist, Paul
APPLICANT: Hansen, Steve
TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
NUMBER OF SEQUENCES: 63

RESULT 14
US-08-838-151A-7
Sequence 7, Application US/08838151A
Patent No. 6291743
GENERAL INFORMATION:
APPLICANT: Stout, John T
APPLICANT: Luu, Hang T
APPLICANT: Maxwell, Douglas
APPLICANT: Ahlquist, Paul
APPLICANT: Hansen, Steve
TITLE OF INVENTION: Genes
NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:
ADDRESS: Dressler, Rockey, Milnamow & Katz
STREET: Two Prudential Plaza, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,151A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:

SEQUENCE CHARACTERISTICS:
LENGTH: 1246 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Tomato Mottle Geminivirus
STRAIN: Florida
PUBLICATION INFORMATION:
AUTHORS: Gilbertson, RL
AUTHORS: Hidayat, SH
AUTHORS: Paplomatas, EJ
AUTHORS: Rojas, MR
AUTHORS: Hou, YM
AUTHORS: Maxwell, DP
TITLE: Pseudo-recombination between the infectious
cloned DNA components of tomato mottle and bean
TITLE: dwarf mosaic geminiviruses,
JOURNAL: Journal of General Virology
VOLUME: 74
PAGES: 23-31
DATE: 1993
US-08-838-151A-15

Query Match 8.8%; Score 20.6; DB 3; Length 1246;
Best Local Similarity 63.1%; Pred. No. 1.1;
Matches 41; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
Qy 205 CGNTGGCCCTGAGNTTCAGAGGGNCTGGTCCTCCATGGCTAGAGGGTCAAGNA 264
Db 257 CGGTGCAAGTCGCGCCGAGAGACCTTAAGTATCATGCCAGGTGATTCATAA 316
Qy 265 AAGGG 269
Db 317 CAGGG 321

Search completed: June 4, 2004, 15:49:56
Job time : 72 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 4, 2004, 14:59:34 ; Search time 292 Seconds

(without alignments)

5249.420 Million cell updates/sec

Title: US-09-301-507-74

Perfect score: 336

Sequence: 1 CGCTGCATCTTCATG.....CCCTTGGTCCCAACCCA 336

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2995936 seqs, 228098010 residues

Total number of hits satisfying chosen parameters:

5991872

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications_NA: *

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8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*

10: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*

11: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*

12: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*

13: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*

14: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*

15: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*

16: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*

17: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*

18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	318	94.6	336	US-10-355-716-74
2	86.8	25.8	252	US-10-355-716-76
3	79.8	23.8	412	US-10-355-716-77
4	78.8	23.5	455	US-10-198-846-8657
5	78.8	23.5	1878	US-10-037-20-625
6	78.8	23.5	1878	US-10-117-722-625
7	78.8	23.5	2051	US-10-198-846-11013
8	34.4	10.2	254087	US-10-087-182-223
9	32.6	9.7	2464	US-10-124-59-12456
10	32.4	9.6	2371	US-10-087-182-1420
11	31.8	9.5	368	US-10-124-59-2667
12	31.6	9.4	2181	US-10-380-010A-7
13	31.6	9.4	9696	US-09-397-722-196
14	31.4	9.3	465	US-09-918-995-15342

*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

RESULT 1
 US-10-355-716-74
 Sequence 74, Application US/10355716
 Publication No. US20030216332A1
 GENERAL INFORMATION:
 APPLICANT: Cyanader, Max
 PRAZAD, Shuv
 TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO
 NUMBER OF SEQUENCES: 132
 CORRESPONDENCE ADDRESS:
 ATTORNEY/AGENT INFORMATION:
 NAME: Pötter, Jane E. R.
 REGISTRATION NUMBER: 33,332
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 COMPUTER NUMBER: 98104-7092
 ZIP: 98104-7092
 COMPUTER NUMBER: US-10/355,716
 FILING DATE: 31-Jan-2003
 CLASSIFICATION: <unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/301,507
 FILING DATE: 28-Apr-1999
 ATTORNEY/AGENT INFORMATION:
 NAME: Pötter, Jane E. R.
 REGISTRATION NUMBER: 33,332
 REFERENCE/DOCKET NUMBER: 230018-401C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-6900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 74:

SEQUENCE CHARACTERISTICS:
 LENGTH: 336 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 74:

US-10-355-716-74

Query Match 94.6%; Score 318; DB 16; Length 336;
 Best Local Similarity 100.0%; Pred. No. 5e-10e;
 Matches 336; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGCTGCATCTTTCATGCTCTCCCTGCTGGCTTAATGGAGATAACAGAGCAAAAC 60
 Db 1 CGCTGCATCTTTCATGCTCTCCCTGCTGGCTTAATGGAGATAACAGAGCAAAAC 60
 Qy 61 GGACAGTCGTGTTTCATGATCGACTCGAACCTCTGCGNCTGATGAGCCACATGTT 120
 Db 61 GGACAGTCGTGTTTCATGATCGACTCGAACCTCTGCGNCTGATGAGCCACATGTT 120
 Qy 121 GNNATCTTCACTGGTGTGTTCAAGGTGTAGNTCAAGGAAATACTGGAGTC 180
 Db 121 GNNATCTTCACTGGTGTGTTCAACGGTGTAGNTCAAGGAAATACTGGAGTC 180
 Qy 181 TTCTGTGAGACCTATCTGAATCCCGNNTGGCCCTGAGNTTCAAGGGNNCTGGTC 240
 Db 181 TTCTGTGAGACCTATCTGAATCCCGNNTGGCCCTGAGNTTCAAGGGNNCTGGTC 240
 Qy 241 CCATCGCTTCAAGGGTTCAAGNAAGGGCCGCGCATGGCAACTTGGCAGNAGNA 300
 Db 241 CCATCGCTTCAAGGGTTCAAGNAAGGGCCGCGCATGGCAACTTGGCAGNAGNA 300
 Qy 301 ANGGANTTGGNCACCAACCCNTTGGTCCACCCA 336
 Db 301 ANGGANTTGGNCACCAACCCNTTGGTCCACCCA 336

RESULT 2

US-10-355-716-76
 Sequence 76, Application US/10355716
 Publication No. US2003021633281

GENERAL INFORMATION:
 APPLICANT: Prasad, Shiv
 TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO
 NUMBER OF SEQUENCES: 132
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Seed Intellectual Property Law Group PLLC
 STREET: 701 Fifth Avenue, Suite 6300
 CITY: Seattle
 STATE: Washington
 ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIA TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/355,716
 FILING DATE: 31-Jan-2003
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/301,507
 FILING DATE: 28-Apr-1999
 ATTORNEY/AGENT INFORMATION:
 NAME: Potter, Jane E. R.
 REGISTRATION NUMBER: 33,332
 REFERENCE/DOCKET NUMBER: 230018.401C1

TELEPHONE: (206) 622-4300

TELEFAX: (206) 682-6031

RESULT 3

US-10-198-846-1775
 Sequence 1775, Application US/10198846
 Publication No. US20030099974A1
 GENERAL INFORMATION:
 APPLICANT: Lillie, James
 APPLICANT: Xu, Yongyao
 APPLICANT: Youzhen
 APPLICANT: Steinmann, Kathleen
 APPLICANT: Steinmann, Kathleen
 TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF BREAST CANCER
 FILE REFERENCE: NRI-049
 CURRENT APPLICATION NUMBER: US/10/198-846
 CURRENT FILING DATE: 2002-07-18
 PRIOR APPLICATION NUMBER: 60/306,220
 PRIOR FILING DATE: 2001-07-18
 NUMBER OF SEQ ID NOS: 14084
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 1775
 LENGTH: 412

US-10-198-846-1775
 Query Match 23.8%; Score 79.8; DB 15; Length 412;
 Best Local Similarity 87.9%; Pred. No. 5.4e-19;
 Matches 109; Conservative 0; Mismatches 13; Indels 2; Gaps 2;

Qy 1 CGCTGCATCTTTCATGCTCTCCCTGAGNTTCAAGGGNNCTGGCAACTGAGCAAAAC 60
 Db 49 CGCTGCATCTTTCATGCTCTCCCTGAGNTTCAAGGGNNCTGGCAACTGAGCAAAAC 108
 Qy 61 GGACAGTCGTGTTTCATGATCGACTCGAACCTCTGCGNCTGATGAGCCACATGTT 120
 Db 109 GGACAGTCGTGTTTCATGATCGACTCGAACCTCTGCGNCTGATGAGCCACATGTT 166

RESULT 4

US-10-198-846-8657
 Sequence 8657, Application US/10198846
 Publication No. US20030099974A1
 GENERAL INFORMATION:

APPLICANT: Lillie, James
 APPLICANT: Xu, Yongyao
 APPLICANT: Wang, Youzhen
 APPLICANT: Steinmann, Kathleen
 TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF BREAST CANCER
 FILE REFERENCE: MRI-049
 CURRENT FILING DATE: 2002-07-18
 PRIOR APPLICATION NUMBER: US/10/198, 846
 PRIORITY FILING DATE: 2001-07-18
 SEQ ID NO: 86577
 LENGTH: 455
 SOFTWARE: PastSEQ for Windows Version 4.0
 NUMBER OF SEQ ID NOS: 14084
 ORGANISM: Homo sapiens
 FEATURE: misc_feature
 NAME/KEY: misc_feature
 LOCATION: 2,7-, 404-, 454
 OTHER INFORMATION: n = A,T,C or G
 US-10-198-846-8657

Query Match 23.5%; Score 78.8; DB 15; Length 455;
 Best Local Similarity 87.8%; Pred. No. 1 3e-18;
 Matches 108; Conservative 0; Mismatches 13; Indels 2; Gaps 2;

Qy 2 GCTGCATCTTCTCTATGCTCCTGGCTGATGGAGATACAGCAGCAAACG 61
 Db 60 GCTGCAVCTTCTATGCTCCTGGCTGATGGAGATACAGCAGCAAACG 119

Qy 62 GACAGCTGTTNTATGATGCACTGGACCCCTTGCGCNCTGCGTGTGAGCCACTATGTTG 121
 Db 120 GACAGCTAT-TCATAATGGACTCGGACCCCTGACG-CTGCTGTGAGCCACTATGG 177

Qy 122 NAT 124
 Db 178 ATT 180

RESULT 5
 US-10-037-270 655
 Sequence 625, Application US/10037270
 Publication No. US20030104525A1
 GENERAL INFORMATION:
 APPLICANT: Tang, Y. Tom
 APPLICANT: Liu, Chenghua
 APPLICANT: Asundi, Vinod
 APPLICANT: Zhang, Jie
 APPLICANT: Drmanac, Radoje T.
 APPLICANT: Feiyan, Ren
 APPLICANT: Rui-hong, Chen
 APPLICANT: Zhao, Qing A.
 APPLICANT: Wehrman, Tom
 APPLICANT: Xue, Aidong J.
 APPLICANT: Yang, Yonghong
 APPLICANT: Wang, Jian-Rui
 APPLICANT: Zhou, Ping
 APPLICANT: Ma, Xunqing
 APPLICANT: Wang, Dunrui
 APPLICANT: Wang, Zhiwei
 APPLICANT: Tillinghast, John
 APPLICANT: Drmanac, Radoje T.
 TITLE OF INVENTION: No. US20030104529A1 Nucleic Acids and Polypeptides
 FILE REFERENCE: 784CIPB
 CURRENT APPLICATION NUMBER: US/10/037,270
 CURRENT FILING DATE: 2002-01-04
 PRIOR APPLICATION NUMBER: 09/552, 317
 PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/488, 725
 NUMBER OF SEQ ID NOS: 1104
 SOFTWARE: pt_FL_genes Version 1.0
 SEQ ID NO: 625
 LENGTH: 1878

TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (945) .. (1229)

Query Match 23.5%; Score 78.8; DB 16; Length 1878;
 Best Local Similarity 87.8%; Pred. No. 2.5e-18;
 Matches 108; Conservative 0; Mismatches 13; Indels 2; Gaps 2;

Qy 2 GCTGCATCTTCTATGCTCCTGGCTGATGGAGATACAGCAGCAAACG 61
 Db 464 GCTGCATCTTCTATGCTCCTGGCTGATGGAGATACAGCAGCAAACG 523

Qy 62 GACAGCTGTTNTATGATGCACTGGACCCCTTGCGCNCTGCGTGTGAGCCACTATGTTG 121
 Db 524 GACAGCTAT-TCATAATGGACTCGGACCCCTGACG-CTGCTGTGAGCCACTATGG 581

Qy 122 NAT 124

```

RESULT 7
US-10-198-846-11013
Sequence 11013, APOL
Publication No. US2013000000001
GENERAL INFORMATION
APPLICANT: Lillie,
APPLICANT: Xu, Yong
APPLICANT: Wang, Y
APPLICANT: Steinberg, Michael
APPLICANT: Fabre, Sébastien
TITLE OF INVENTION
TITLE OF INVENTION
TITLE OF INVENTION
FILE REFERENCE: M6M
CURRENT APPLICATION NUMBER
PRIORITY FILING DATE
NUMBER OF SEQ ID NO: 1
SOFTWARE: FastSEQ 6
SEQ ID NO: 11013
LENGTH: 2061
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: 1-2, 3-4
LOCATION: 1829, 1830-1831
LOCATION: 1849, 1850-1851
LOCATION: 2039, 2040-2041
LOCATION: 2049, 2050-2051
OTHER INFORMATION
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: 2048, 2049-2050
LOCATION: 2058, 2059-2060
OTHER INFORMATION
US-10-198-846-11013

Query Match
Best Local Similarity
Matches 108; Consensus

Qy      2  GCTGCACTT
Db     427  GCTGCACTT
Qy      62  GAGCTCTT
Db     487  GAGCTCTT
Qy     122  NAT 124
Db     545  ATT 547

RESULT 8
US-10-087-192-223
Sequence 223, AP00111
Publication No. US2011000000001
GENERAL INFORMATION
APPLICANT: Morris, Engelb
APPLICANT: Engelb, Morris
TITLE OF INVENTION
TITLE OF INVENTION
FILE REFERENCE: 52
CURRENT APPLICATION NUMBER
PRIORITY FILING DATE
NUMBER OF SEQ ID NO: 1
SOFTWARE: FastSEQ 6
SEQ ID NO: 11013
LENGTH: 2061
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: 1-2, 3-4
LOCATION: 1829, 1830-1831
LOCATION: 1849, 1850-1851
LOCATION: 2039, 2040-2041
LOCATION: 2049, 2050-2051
OTHER INFORMATION
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: 2048, 2049-2050
LOCATION: 2058, 2059-2060
OTHER INFORMATION
US-10-087-192-223

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; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FASTBSEQ for Windows Version 4.0
; SEQ ID NO: 223
; LENGTH: 254087
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE: miBC_feature
; NAME/KEY: (1)..(254087)
; LOCATION: (1)..(254087)
; OTHER INFORMATION: n = A,T,C or G
US-10-087-192-223

Query Match      10.2%;  Score 34.4;  DB 13;  Length 254087;
Best Local Similarity 51.9%;  Pred. No. 0.8;  Mismatches 63;  Indels 0;  Gaps 0;
Matches 68;  Conservative 0;  MiSmatches 63;  Indels 0;  Gaps 0;

Qy   148 AAGCTAGCTCAAGGAAATACTGGGACTCTCTGTGAGACCTATCTGATCCCCGN 207
Db   34592 AAGCTAGCTCAAGGAAATACTGGGACTCTCTGTGAGACCTATCTGATCCCCGN 207
Qy   208 NTGGCCCTGAGNTTCAGGGCCTCTGGTACTGGCACTTTTATTCTTATAATCTAG 34651
Db   34652 TGCGAGCTGGTAAGGTGAACAGCTCAAGGAGAGGCAAG 34711
Qy   268 GGGCCGCGNCA 278
Db   34712 ATGACAGAGCA 34722

RESULT 9
US-10-424-599-123456
; Sequence 123456, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David J
; APPLICANT: Zhou, Yinhua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; NUMBER OF FILING DATE: 2003-04-26
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO: 123456
; LENGTH: 2464
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE: miBC_feature
; OTHER INFORMATION: Clone ID: PAT_MRT3847_824890C.1
US-10-424-599-123456

Query Match      9.7%;  Score 32.6;  DB 13;  Length 2464;
Best Local Similarity 54.1%;  Pred. No. 0.5;  Mismatches 50;  Indels 0;  Gaps 0;
Matches 59;  Conservative 0;  MiSmatches 50;  Indels 0;  Gaps 0;

Qy   134 TCACCGGTGNTACAGTGTAGNCCTAAAGGAGAAATAGTGGGAGTCTGTGAGACT 193
Db   78 TTATCCCCAGCGCCACGCCAGGCCAGAGAGAGAGTGTGGCTGTGAGTAG 137
Qy   194 ATCTGAATCCCCGNNNTGCCCTGAGNTTCCAGGGGNCTGGCTGTGTC 242
Db   138 ACCTAACCTCCGGATGGCCGAATCTGACGGACCTTGTGTC 186

RESULT 10
US-10-087-192-1420
; Sequence 1420, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR

```


Best Local Similarity 44.1%; Pred. No. 5.8; Mismatches 119; Indels 0; Gaps 0; ORGANISM: Homo sapiens
 Matches 94; Conservative 0; Feature: misc feature
 NAME/KEY: misc feature
 OTHER INFORMATION: Incyte ID No. US20020137081A1 403121.11
 US-10-044-090-506

Query Match 9.3%; Score 31.4; DB 14; Length 1651;
 Best Local Similarity 50.7%; Pred. No. 1.2; Mismatches 66; Indels 0; Gaps 0;
 Matches 68; Conservative 0; Feature: misc feature
 NAME/KEY: misc feature
 OTHER INFORMATION: Incyte ID No. US20020137081A1 403121.11
 US-10-044-090-506

Qy 107 GGACCAATTGTTGATTCTATCAGCTAACCGTTGNTACAAGTGTAGNCTAAAGAA 166
 Db 81011 GAAAAAACTTGTCTTAACAAATTCTCAACATATGTACATCTACAAAGAGTC 80952
 Qy 167 GAATAGTGGAGTCCTCTGTGAGACCTATCGTGAATCCGGNTGGCCCTGAGA 226
 Db 80951 CTTTATATTAGGAAAGTGTGACTCTGATCTTTCCGTTGAAATTGTTTAA 80892
 Qy 227 GGNCCTGTGTCGCCATGGCTTCAAGNAAGGGCCCGNCATGGCAGTC 286
 Db 80891 GTCATCGAACAGACAATGTCCTTATTAGCTAAAGGAGGCCCTCTGCTGAGAA 80832
 Qy 287 CTGGGCAAGAGAAGAAGGANTTGGNCCLAAACC 319
 Db 80831 CTCATCTGAAATTCCCTCTTGGAGAAACC 80799
 Qy 141 CCTATCTGATTC 204
 Db 790 CTAGCTCTCATCC 777

RESULT 14
 US-09-918-995-151342
 / Sequence 15342, Application US/09918995
 / Publication No. US20030073623A1
 / GENERAL INFORMATION:
 / APPLICANT: Myseq, Inc.
 / TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
 / FROM VARIOUS CDNA LIBRARIES
 / FILE REFERENCE: 20411-756
 / CURRENT FILING DATE: 2001-07-30
 / PRIOR APPLICATION NUMBER: US/09/918,995
 / PRIOR FILING DATE: 1999-01-20
 / NUMBER OF SEQ ID NOS: 38054
 / SOFTWARE: FastSBQ for Windows Version 3.0
 / SEQ ID NO 15342
 / LENGTH: 465
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE: misc feature
 / LOCATION: (1) ..(46)
 / OTHER INFORMATION: n = A,T,C or G

US-09-918-995-15342
 Query Match 9.3%; Score 31.4; DB 10; Length 465;
 Best Local Similarity 58.9%; Pred. No. 0.69; Mismatches 37; Indels 0; Gaps 0;
 Matches 53; Conservative 0; Feature: misc feature
 NAME/KEY: misc feature
 OTHER INFORMATION: Incyte ID No. US20020137081A1 403121.11
 US-10-044-090-506/C

Qy 2 GCTGCACTTCTTCTATGCTCTGCTGCTGATGCGGATAGACGCAAACG 61
 Db 123 GTTCACTGTTCTGACTTCCTGATGCTGATGCTGAGTCAGGTGACCA 182
 Qy 62 GACAGCTGTTCTATGATGACTGACCTGGACCC 91
 Db 183 GACAGCTGAACTGCTGATGACGGTAC 212

RESULT 15
 US-10-044-090-506/C
 / Sequence 506, Application US/10044090
 / Publication No. US20020137081A1
 / GENERAL INFORMATION:
 / APPLICANT: Olga Bandman
 / TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION
 / FILE REFERENCE: PA-0028 US
 / CURRENT APPLICATION NUMBER: US/10/044,090
 / NUMBER OF SEQ ID NOS: 850
 / SOFTWARE: PERL Program
 / SEQ ID NO 506
 / LENGTH: 1651
 / TYPE: DNA

Sequence 1, Appli						
Copyright (c) 1993 - 2004 Compugen Ltd.						
1 nucleic - nucleic search, using sw model						
run on: June 4, 2004, 16:50:56 ; Search time 65 Seconds (without alignments)						
2868.669 Million cell updates/sec						
title: US-09-301-507-74	score: 336	seqs: 1 CGCTGATCTTCTATGC.....CCCCNTTGGTCCACCCA	336	length: 0	gap: 0.0	gapext: 60.0
archived:	682709	seqs, 277475446 residues		rd_size :	0	
oring table: OLIGO_NUC	Gapop_60.0					
database : 1: /cgn2_6/ptodata/2/ina/5A_COMB.seq,*	2: /cgn2_6/ptodata/2/ina/5B_COMB.seq,*	3: /cgn2_6/ptodata/2/ina/5A_COMB.seq,*	4: /cgn2_6/ptodata/2/ina/5B_COMB.seq,*	5: /cgn2_6/ptodata/2/ina/BCTUS_COMB.seq,*	6: /cgn2_6/ptodata/2/ina/backfiles1.seq,*	
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.						
st-processing: Listing first 1000 summaries						
table : issued Patents NA:*						
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq,*	2: /cgn2_6/ptodata/2/ina/5B_COMB.seq,*	3: /cgn2_6/ptodata/2/ina/5A_COMB.seq,*	4: /cgn2_6/ptodata/2/ina/5B_COMB.seq,*	5: /cgn2_6/ptodata/2/ina/BCTUS_COMB.seq,*	6: /cgn2_6/ptodata/2/ina/backfiles1.seq,*	
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.						
summaries						
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1	22	6.5	1878	4	US-09-620-312D-625	Sequence 625, Appli
2	20	6.0	1895	4	US-09-326-203A-14	Sequence 14, Appli
3	20	6.0	1976	3	US-09-165-042-2	Sequence 2, Appli
4	19	5.7	949	4	US-09-489-039A-1843	Sequence 1843, Appli
5	17	5.1	1512	4	US-09-252-991A-5614	Sequence 5614, Appli
6	17	5.1	2079	4	US-09-252-991A-5584	Sequence 5584, Appli
7	17	5.1	2436	4	US-09-252-991A-5645	Sequence 5645, Appli
8	16	4.8	390	4	US-09-489-039A-1887	Sequence 887, Appli
9	16	4.8	478	4	US-09-621-976-1639	Sequence 1639, Appli
10	16	4.8	518	4	US-09-621-976-18442	Sequence 18442, Appli
11	16	4.8	651	4	US-09-489-039A-94	Sequence 94, Appli
12	16	4.8	771	4	US-09-489-039A-4386	Sequence 4386, Appli
13	16	4.8	960	4	US-09-89-039A-4989	Sequence 4989, Appli
14	16	4.8	1020	4	US-09-543-681A-1655	Sequence 1655, Appli
15	16	4.8	1023	4	US-09-489-039A-754	Sequence 754, Appli
16	16	4.8	1149	4	US-09-489-039A-3580	Sequence 3580, Appli
17	16	4.8	1194	4	US-09-489-039A-5491	Sequence 5491, Appli
18	16	4.8	1235	1	US-08-095-726-13	Sequence 13, Appli
19	16	4.8	1235	1	US-08-095-726-15	Sequence 15, Appli
20	16	4.8	1235	1	US-08-096-623A-13	Sequence 13, Appli
21	16	4.8	1235	1	US-08-096-623A-15	Sequence 15, Appli
22	16	4.8	1266	4	US-09-489-039A-812	Sequence 812, Appli
23	16	4.8	1950	4	US-09-489-039A-4709	Sequence 4709, Appli
24	16	4.8	2655	4	US-09-252-991A-10136	Sequence 10136, Appli
25	16	4.8	5737	1	US-08-259-64-1	Sequence 1, Appli
26	16	4.8	8114	4	US-09-453-623B-29	Sequence 29, Appli
27	16	4.8	10095	3	US-08-822-586-45	Sequence 45, Appli
28	16	4.8	1830121	4	US-09-557-884-1	Sequence 1, Appli
29	16	4.8	1830121	4	US-09-633-990A-1	Sequence 2, Appli
30	16	4.8	4403765	3	US-09-103-840A-1	Sequence 1, Appli
31	16	4.8	4411529	3	US-09-103-840A-1	Sequence 1, Appli
32	15	4.5	381	4	US-09-252-991A-4460	Sequence 4460, Appli
33	15	4.5	414	4	US-09-621-976-12550	Sequence 12550, Appli
34	15	4.5	474	4	US-09-252-991A-2626	Sequence 2626, Appli
35	15	4.5	488	3	US-09-385-982-471	Sequence 471, Appli
36	15	4.5	501	4	US-09-252-991A-3513	Sequence 3513, Appli
37	15	4.5	594	4	US-09-489-039A-7023	Sequence 7023, Appli
38	15	4.5	660	4	US-09-252-991A-3512	Sequence 3512, Appli
39	15	4.5	738	4	US-09-252-991A-4507	Sequence 4507, Appli
40	15	4.5	876	4	US-09-489-039A-2407	Sequence 2407, Appli
41	15	4.5	963	4	US-09-252-991A-6490	Sequence 6490, Appli
42	15	4.5	972	4	US-09-252-991A-609	Sequence 609, Appli
43	15	4.5	978	4	US-09-489-039A-1168	Sequence 1168, Appli
44	15	4.5	990	4	US-09-489-039A-6858	Sequence 6858, Appli
45	15	4.5	1029	4	US-09-252-991A-6424	Sequence 6424, Appli
46	15	4.5	1047	4	US-09-257-991A-2368	Sequence 2368, Appli
47	15	4.5	1050	4	US-09-252-991A-13134	Sequence 13134, Appli
48	15	4.5	1086	4	US-09-252-991A-3516	Sequence 3516, Appli
49	15	4.5	1102	4	US-09-522-714-3	Sequence 3, Appli
50	15	4.5	1110	4	US-09-252-991A-4219	Sequence 4219, Appli
51	15	4.5	1116	4	US-09-252-991A-13384	Sequence 13384, Appli
52	15	4.5	1120	4	US-08-203-8063-3	Sequence 3, Appli
53	15	4.5	1120	4	US-09-017-754A-3	Sequence 3515, Appli
54	15	4.5	1125	4	US-09-252-991A-3515	Sequence 89, Appli
55	15	4.5	1126	4	US-09-461-325-89	Sequence 1, Appli
56	15	4.5	1128	3	US-09-106-217-15	Sequence 15, Appli
57	15	4.5	1128	3	US-09-252-991A-3879	Sequence 3879, Appli
58	15	4.5	1134	3	US-09-106-217-1	Sequence 1, Appli
59	15	4.5	1134	3	US-09-106-217-1	Sequence 1474, Appli
60	15	4.5	1216	4	US-09-252-991A-6541	Sequence 6541, Appli
61	15	4.5	1302	4	US-09-252-991A-10842	Sequence 10842, Appli
62	15	4.5	1314	4	US-08-462-351-1	Sequence 1, Appli
63	15	4.5	1350	4	US-09-60-807-1	Sequence 1, Appli
64	15	4.5	1350	4	US-09-044-781A-1	Sequence 1, Appli
65	15	4.5	1350	4	US-09-252-991A-13964	Sequence 13964, Appli
66	15	4.5	1374	4	US-09-044-781A-1	Sequence 32, Appli
67	15	4.5	1377	4	US-09-252-991A-13932	Sequence 1643, Appli
68	15	4.5	1393	4	US-09-919-172-32	Sequence 2548, Appli
69	15	4.5	1393	4	US-09-107-532-1643	Sequence 4, Appli
70	15	4.5	1416	4	US-09-252-991A-2548	Sequence 4, Appli
71	15	4.5	1482	4	US-09-252-991A-203-4	Sequence 4, Appli
72	15	4.5	1488	4	US-09-300-864-4	Sequence 4, Appli
73	15	4.5	1488	4	US-09-058-418-4	Sequence 4, Appli
74	15	4.5	1488	4	US-09-19-12666	Sequence 3, Appli
75	15	4.5	1488	4	US-09-252-991A-2287	Sequence 1, Appli
76	15	4.5	1488	4	US-09-319-802-1	Sequence 1, Appli
77	15	4.5	1707	4	US-09-048-129-1	Sequence 1, Appli
78	15	4.5	1728	3	US-09-048-129-1	Sequence 1, Appli
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80	15	4.5	1728	3	US-09-048-129-1	Sequence 1, Appli
81	15	4.5	1731	4	US-09-252-991A-13953	Sequence 1, Appli
82	15	4.5	1740	4	US-09-252-991A-13295	Sequence 2, Appli
83	15	4.5	1836	4	US-09-442-246-3	Sequence 6, Appli
84	15	4.5	1839	1	US-09-442-246-3	Sequence 6, Appli
85	15	4.5	1839	3	US-09-440-815-3	Sequence 3, Appli
86	15	4.5	1839	3	US-08-345-865-449-3	Sequence 3, Appli
87	15	4.5	1839	4	US-08-578-684-3	Sequence 3, Appli
88	15	4.5	1881	2	US-09-255-246-2	Sequence 11, Appli
89	15	4.5	1881	1	US-08-893-972-6	Sequence 11, Appli
90	15	4.5	2022	1	US-08-893-972-6	Sequence 2022, Appli
91	15	4.5	2025	1	US-08-893-972-6	Sequence 2025, Appli
92	15	4.5	2065	3	US-08-345-865-449-3	Sequence 10233, Appli
93	15	4.5	2094	4	US-09-252-991A-10564	Sequence 10564, Appli
94	15	4.5	2124	1	US-08-893-972-11	Sequence 11, Appli
95	15	4.5	2124	1	US-08-893-972-11	Sequence 2124, Appli
96	15	4.5	2298	4	US-09-889-039A-2033	Sequence 2033, Appli
97	15	4.5	2462	4	US-09-252-991A-10136	Sequence 20, Appli
98	15	4.5	2472	4	US-09-252-991A-3902	Sequence 3902, Appli
99	15	4.5	2562	4	US-09-252-991A-4450	Sequence 4450, Appli
100	15	4.5	2562	4	US-09-252-991A-1190	Sequence 1190, Appli

101	4.5	3132	4	US-09-252-991A-14540	Sequence 14540, A	
102	15	3336	3	US-09-330-970-4	Sequence 4, App1	
c 103	15	3411	4	US-09-252-991A-14823	Sequence 14823, A	
104	15	3697	1	US-08-571-578-1	Sequence 1, App1	
105	15	3697	1	US-08-909-984A-1	Sequence 1, App1	
106	15	3697	1	US-08-909-983-1	Sequence 1, App1	
107	15	4080	4	US-09-016-434-1292	Sequence 1292, App1	
c 108	15	4371	1	US-08-803-973-1	Sequence 1, App1	
c 109	15	4371	1	US-08-803-972-1	Sequence 1, App1	
c 110	15	5000	4	US-08-956-171B-241	Sequence 2, App1	
c 111	15	5833	4	US-09-976-594-183	Sequence 1, App1	
c 112	15	43795	3	US-08-742-185-101	Sequence 101, App1	
c 113	15	43795	3	US-09-103-840A-2	Sequence 2, App1	
c 114	15	441129	3	US-09-103-840A-1	Sequence 1, App1	
c 115	14	4.2	337	1	US-08-484-686B-60	Sequence 60, App1
c 116	14	4.2	37	1	US-09-463-160B-60	Sequence 60, App1
c 117	14	4.2	37	5	PCT-US91-02568-18	Sequence 18, App1
c 118	14	4.2	72	4	US-09-601-537-13	Sequence 13, App1
c 119	14	4.2	150	4	US-09-513-783A-137	Sequence 137, App1
c 120	14	4.2	192	4	US-09-543-681A-31	Sequence 31, App1
c 121	14	4.2	293	4	US-09-311-294A-6213	Sequence 6213, App1
c 122	14	4.2	295	4	US-09-311-294A-5506	Sequence 5506, App1
c 123	14	4.2	297	3	US-09-060-756-574	Sequence 574, App1
c 124	14	4.2	297	4	US-09-670-314-574	Sequence 574, App1
c 125	14	4.2	309	1	US-08-086-410-24	Sequence 24, App1
c 126	14	4.2	330	4	US-08-477-701-1	Sequence 1, App1
c 127	14	4.2	330	5	PCT-US95-05895-1	Sequence 1, App1
c 128	14	4.2	356	3	US-09-060-755-396	Sequence 396, App1
c 129	14	4.2	356	4	US-09-670-314-396	Sequence 396, App1
c 130	14	4.2	359	3	US-08-589-028-3	Sequence 3, App1
c 131	14	4.2	359	3	US-08-783-582-3	Sequence 3, App1
c 132	14	4.2	359	3	US-08-785-271-3	Sequence 3, App1
c 133	14	4.2	360	1	US-07-920-519-21	Sequence 28, App1
c 134	14	4.2	360	1	US-08-086-410-21	Sequence 21, App1
c 135	14	4.2	360	1	US-08-314-86-28	Sequence 28, App1
c 136	14	4.2	360	1	US-08-944-731-79	Sequence 79, App1
c 137	14	4.2	375	4	US-09-489-039A-5059	Sequence 5059, App1
c 138	14	4.2	381	4	US-09-252-991A-15810	Sequence 15810, A
c 139	14	4.2	388	3	US-08-644-274B-13	Sequence 13, App1
c 140	14	4.2	388	3	US-08-952-014-13	Sequence 302, App1
c 141	14	4.2	394	3	US-09-060-756-302	Sequence 302, App1
c 142	14	4.2	394	4	US-09-670-314-302	Sequence 302, App1
c 143	14	4.2	416	4	US-08-948-140-5	Sequence 5, App1
c 144	14	4.2	417	4	US-09-252-991A-10398	Sequence 10398, A
c 145	14	4.2	432	4	US-09-183-852-1	Sequence 5018, App1
c 146	14	4.2	450	4	US-09-183-852-1	Sequence 1, App1
c 147	14	4.2	462	4	US-09-252-991A-1309	Sequence 1309, App1
c 148	14	4.2	477	1	US-08-252-991A-12915	Sequence 12915, A
c 149	14	4.2	479	1	US-08-326-767-1	Sequence 1, App1
c 150	14	4.2	479	5	PCT-US93-06228-2	Sequence 2, App1
c 151	14	4.2	485	4	US-09-621-976-1307	Sequence 170, App1
c 152	14	4.2	486	4	US-09-252-991A-6881	Sequence 6881, App1
c 153	14	4.2	486	4	US-09-621-976-492	Sequence 492, App1
c 154	14	4.2	495	4	US-09-483-039A-3316	Sequence 3316, App1
c 155	14	4.2	496	4	US-09-493-050A-246	Sequence 246, App1
c 156	14	4.2	519	4	US-09-222-991A-7343	Sequence 7343, App1
c 157	14	4.2	519	4	US-09-401-64-170	Sequence 12877, A
c 158	14	4.2	519	4	US-09-621-976-1435	Sequence 1435, App1
c 159	14	4.2	515	3	US-08-867-902B-5	Sequence 1, App1
c 160	14	4.2	515	3	US-08-784-582-1	Sequence 1, App1
c 161	14	4.2	515	3	US-08-785-271-1	Sequence 1, App1
c 162	14	4.2	519	4	US-09-222-991A-12877	Sequence 12877, A
c 163	14	4.2	537	4	US-09-252-991A-15911	Sequence 15911, A
c 164	14	4.2	585	3	US-08-867-902B-3	Sequence 3, App1
c 165	14	4.2	591	3	US-08-867-902B-5	Sequence 5, App1
c 166	14	4.2	591	4	US-08-476-102A-9	Sequence 9, App1
c 167	14	4.2	591	5	PCT-US96-05320A-918	Sequence 918, App1
c 168	14	4.2	598	4	US-09-537-696-11	Sequence 11, App1
c 169	14	4.2	600	4	US-09-499-039A-1097	Sequence 1097, App1
c 170	14	4.2	601	3	US-08-916-408-1	Sequence 1, App1
c 171	14	4.2	601	3	US-09-310-847-1	Sequence 1, App1
c 172	14	4.2	601	3	US-09-310-845-1	Sequence 1, App1
c 173	14	4.2	601	4	US-09-548-023-1	Sequence 1, App1
c 174	14	4.2	175	14	US-09-252-991A-5203	Sequence 5203, A
c 175	14	4.2	176	14	US-09-252-991A-1278	Sequence 1278, A
c 176	14	4.2	177	14	US-09-252-991A-12886	Sequence 12886, A
c 177	14	4.2	178	14	US-09-537-696-12	Sequence 12, App1
c 178	14	4.2	179	14	US-09-221-017B-744	Sequence 744, App1
c 179	14	4.2	180	14	US-09-001-100-1001	Sequence 1001, App1
c 180	14	4.2	181	14	US-09-537-696-13	Sequence 13, App1
c 181	14	4.2	182	14	US-08-911-264-2	Sequence 2, App1
c 182	14	4.2	183	14	US-08-911-264-2	Sequence 1, App1
c 183	14	4.2	184	14	US-09-252-991A-10817	Sequence 10817, A
c 184	14	4.2	190	14	US-09-252-991A-8739	Sequence 8739, A
c 185	14	4.2	191	14	US-09-134-000C-3195	Sequence 147, App1
c 186	14	4.2	197	14	US-09-252-991A-11479	Sequence 147, App1
c 187	14	4.2	198	14	US-09-252-991A-7316	Sequence 147, App1
c 188	14	4.2	199	14	US-09-252-991A-268	Sequence 268, App1
c 189	14	4.2	200	14	US-09-252-991A-2022	Sequence 202, App1
c 190	14	4.2	201	14	US-09-252-991A-12216	Sequence 12216, A
c 191	14	4.2	202	14	US-09-252-991A-6839	Sequence 6839, A
c 192	14	4.2	203	14	US-09-252-991A-11456	Sequence 11456, A
c 193	14	4.2	204	14	US-09-252-991A-11457	Sequence 11457, A
c 194	14	4.2	205	14	US-09-252-991A-6039	Sequence 6039, A
c 200	14	4.2	206	14	US-09-252-991A-7152	Sequence 7152, A
c 201	14	4.2	207	14	US-09-252-991A-14810	Sequence 14810, A
c 202	14	4.2	208	14	US-09-459-039A-11319	Sequence 11319, A
c 203	14	4.2	209	14	US-09-457-646-29	Sequence 29, App1
c 204	14	4.2	210	14	US-09-516-065-29	Sequence 29, App1
c 211	14	4.2	211	14	US-09-533-681A-3117	Sequence 317, App1
c 212	14	4.2	212	14	US-09-533-681A-149	Sequence 149, App1
c 213	14	4.2	213	14	US-09-459-039A-3797	Sequence 3797, App1
c 214	14	4.2	214	14	US-09-259-349-4	Sequence 4, App1
c 215	14	4.2	215	14	US-09-252-991A-1024	Sequence 1024, App1
c 216	14	4.2	216	14	US-09-477-646-31	Sequence 31, App1
c 217	14	4.2	217	14	US-09-516-065-31	Sequence 31, App1
c 218	14	4.2	218	14	US-09-533-681A-3117	Sequence 317, App1
c 219	14	4.2	219	14	US-09-543-681A-54107	Sequence 541, App1
c 220	14	4.2	220	14	US-09-459-039A-6196	Sequence 6196, App1
c 221	14	4.2	221	14	US-09-459-039A-6196	Sequence 6196, App1
c 222	14	4.2	222	14	US-09-533-681A-556	Sequence 556, App1
c 223	14	4.2	223	14	US-08-877-087B-12	Sequence 12, App1
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c 697	13	3.9	620	4	US-08-757-653-158	Sequence 158, APP	Sequence 678, 4
c 698	13	3.9	620	4	US-08-757-653-159	Sequence 159, APP	Sequence 678, 4
c 699	13	3.9	620	4	US-08-757-653-160	Sequence 160, APP	Sequence 678, 4
c 700	13	3.9	620	4	US-08-757-653-161	Sequence 161, APP	Sequence 678, 4
c 701	13	3.9	620	4	US-08-757-653-162	Sequence 162, APP	Sequence 678, 4
c 702	13	3.9	620	4	US-08-757-653-163	Sequence 163, APP	Sequence 678, 4
c 703	13	3.9	620	4	US-08-757-653-164	Sequence 164, APP	Sequence 678, 4
c 704</td							

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C 832	13	3.9	809	1	US-08-449-315-9	Sequence 9, Appli	905
C 833	13	3.9	809	1	US-08-449-303-9	Sequence 9, Appli	906
C 834	13	3.9	809	1	US-08-449-043-9	Sequence 9, Appli	907
C 835	13	3.9	809	1	US-08-455-265A-9	Sequence 9, Appli	908
C 836	13	3.9	809	1	US-08-455-244-9	Sequence 9, Appli	909
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C 838	13	3.9	809	1	US-08-457-364-9	Sequence 9, Appli	911
C 839	13	3.9	809	2	US-08-456-262-9	Sequence 9, Appli	912
C 840	13	3.9	809	2	US-08-456-240-9	Sequence 9, Appli	913
C 841	13	3.9	809	2	US-08-455-236-9	Sequence 9, Appli	914
C 842	13	3.9	809	2	US-08-455-236-9	Sequence 9, Appli	915
C 843	13	3.9	809	2	US-08-971-217-9	Sequence 9, Appli	916
C 844	13	3.9	809	3	US-09-350-600-9	Sequence 9, Appli	917
C 845	13	3.9	809	4	US-09-905-234-9	Sequence 9, Appli	918
C 846	13	3.9	819	4	US-0-255-94A-9493	Sequence 9493, AP	919
C 847	13	3.9	825	1	US-09-256-96A-18	Sequence 18, Appli	920
C 848	13	3.9	825	1	US-09-252-99A-417A	Sequence 417A, AP	921
C 849	13	3.9	825	4	US-09-252-99A-16147	Sequence 16147, AP	922
C 850	13	3.9	825	4	US-09-489-03A-1321	Sequence 1321, AP	923
C 851	13	3.9	828	4	US-09-232-99A-3643	Sequence 3643, AP	924
C 852	13	3.9	828	4	US-09-252-99A-13980	Sequence 1380, AP	925
C 853	13	3.9	831	3	US-08-99A-419-3	Sequence 373, AP	926
C 854	13	3.9	831	4	US-09-232-99A-15299	Sequence 15299, AP	927
C 855	13	3.9	840	4	US-09-232-99A-16035	Sequence 16035, AP	928
C 856	13	3.9	861	4	US-09-232-99A-15931	Sequence 15491, AP	929
C 857	13	3.9	864	4	US-09-232-99A-6057	Sequence 6057, AP	930
C 858	13	3.9	864	4	US-09-232-99A-13876	Sequence 13876, AP	931
C 859	13	3.9	867	4	US-09-489-048-5047	Sequence 5047, AP	932
C 860	13	3.9	870	4	US-09-232-99A-9580	Sequence 9580, AP	933
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C 862	13	3.9	884	4	US-09-221-01B-83	Sequence 83, Appli	935
C 863	13	3.9	885	4	US-09-232-99A-12893	Sequence 12893, AP	936
C 864	13	3.9	893	2	US-08-957-101-13	Sequence 13, Appli	937
C 865	13	3.9	893	2	US-08-532-54-13	Sequence 13, Appli	938
C 866	13	3.9	893	3	US-09-124-69-13	Sequence 13, Appli	939
C 867	13	3.9	893	3	US-09-127-48-13	Sequence 13, Appli	940
C 868	13	3.9	893	3	US-08-496-84-1C-13	Sequence 13, Appli	941
C 869	13	3.9	893	4	US-09-124-52-13	Sequence 13, Appli	942
C 870	13	3.9	893	4	US-09-636-79A-13	Sequence 13, Appli	943
C 871	13	3.9	893	4	US-08-431-04B-13	Sequence 13, Appli	944
C 872	13	3.9	893	4	US-09-123-99A-2083	Sequence 2083, AP	945
C 873	13	3.9	909	4	US-09-522-99A-5329	Sequence 5329, AP	946
C 874	13	3.9	909	4	US-09-252-99A-1139	Sequence 11185, AP	947
C 875	13	3.9	915	4	US-09-232-99A-14435	Sequence 14435, AP	948
C 876	13	3.9	915	4	US-09-689-03A-6671	Sequence 6671, AP	949
C 877	13	3.9	918	4	US-09-540-236-1683	Sequence 6833, AP	950
C 878	13	3.9	921	4	US-09-232-99A-7288	Sequence 7258, AP	951
C 879	13	3.9	927	4	US-09-232-99A-7387	Sequence 7387, AP	952
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C 881	13	3.9	930	4	US-09-227-357-61	Sequence 146, AP	954
C 882	13	3.9	933	4	US-09-232-99A-91669	Sequence 9369, AP	955
C 883	13	3.9	933	4	US-09-489-03A-6833	Sequence 6833, AP	956
C 884	13	3.9	936	4	US-09-189-262-1615	Sequence 2615, AP	957
C 885	13	3.9	951	4	US-09-107-53A-1365	Sequence 1365, AP	963
C 886	13	3.9	951	4	US-09-543-68A-2787	Sequence 2787, AP	964
C 887	13	3.9	960	4	US-09-276-5344-580	Sequence 1366, AP	965
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C 889	13	3.9	972	4	US-09-552-99A-15446	Sequence 15446, AP	967
C 890	13	3.9	972	4	US-09-178-6780	Sequence 680, AP	968
C 891	13	3.9	978	4	US-09-189-03A-1291	Sequence 1291, AP	969
C 892	13	3.9	978	4	US-09-232-99A-10557	Sequence 10557, AP	970
C 893	13	3.9	978	4	US-09-489-03A-4332	Sequence 4932, AP	971
C 894	13	3.9	978	4	US-09-128-35-4013	Sequence 4013, AP	972
C 895	13	3.9	978	4	US-09-232-99A-46335	Sequence 4635, AP	973
C 896	13	3.9	978	4	US-09-134-001C-1664	Sequence 1664, AP	975
C 897	13	3.9	978	4	US-09-232-99A-7319	Sequence 7319, AP	976
C 898	13	3.9	978	4	US-09-232-99A-10559	Sequence 10559, AP	977
C 899	13	3.9	978	4	US-09-489-03A-1167	Sequence 1167, AP	978
C 900	13	3.9	978	4	US-09-134-000C-694	Sequence 10516, AP	979
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1	13	3.9	996	3	US-08-870-511-7	Sequence 7, Appli	994
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1	13	3.9	999	3	US-08-870-511-11	Sequence 11, Appli	996
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1	13	3.9	1015	2	US-08-82-170A-6	Sequence 6, Appli	1004
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1	13	3.9	1077	4	US-09-252-991A-4013	Sequence 4013, AP	1022
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1	13	3.9	1117	3	US-09-127-480-156	Sequence 156, AP	1033
1	13	3.9	1117	3	US-09-496-841C-156	Sequence 156, AP	1034
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977	3.9	1164	4	US-09-232-991A-5240	Sequence 5240, Ap
978	3.9	1167	4	US-09-489-039A-5703	Sequence 5703, Ap
979	3.9	1171	4	US-09-636-382A-14	Sequence 14, Appl
980	3.9	1173	4	US-09-252-991A-3422	Sequence 3422, Ap
981	3.9	1176	4	US-09-251-991A-1171	Sequence 1171, A
982	3.9	1188	4	US-09-489-039A-4952	Sequence 4952, Ap
983	3.9	1190	4	US-09-380-207-1	Sequence 1, Appl
984	3.9	1191	4	US-09-255-991A-1451	Sequence 1454, A
985	3.9	1194	4	US-09-252-991A-7454	Sequence 7454, Ap
986	3.9	1194	4	US-09-252-991A-13619	Sequence 13619, A
987	3.9	1194	4	US-09-489-039A-160	Sequence 160, App
988	3.9	1206	4	US-09-252-991A-2124	Sequence 2124, Ap
989	3.9	1206	4	US-09-252-991A-9058	Sequence 9058, Ap
990	3.9	1206	4	US-09-489-039A-6066	Sequence 6066, Ap
991	3.9	1209	4	US-09-489-039A-3354	Sequence 3354, Ap
992	3.9	1215	4	US-09-489-039A-1776	Sequence 1776, Ap
993	3.9	1215	4	US-09-489-039A-435	Sequence 4435, Ap
994	3.9	1215	4	US-09-489-039A-4946	Sequence 4946, Ap
995	3.9	1218	4	US-09-489-039A-403	Sequence 403, App
996	3.9	1221	4	US-09-252-991A-13701	Sequence 13701, A
997	3.9	1230	4	US-09-489-039A-7046	Sequence 7046, Ap
998	3.9	1245	4	US-09-252-991A-10292	Sequence 10292, A
999	3.9	1248	4	US-09-252-991A-7361	Sequence 7361, A
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TIGEMENS

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organism: human
FEATURE: misc feature
NAME/KEY: misc feature
LOCATION: [209]
OTHER INFORMATION: n at position 209 is unknown
US-09-326-203A-14

Query Match          6.0%;  Score 20;  DB 4;  Length 1895;
Best Local Similarity 100.0%;  Pred. No. 0.045;  Mismatches 0;  Indels 0;  Gaps 0;
Matches 20;  Conservative 0;  MisMatches 0;  Indels 0;  Gaps 0;

Qy      22 CTCCCTGCTGGCGCTATGG 41
Db      524 CTCCCTGCTGGCGCTATGG 543

RESULT 3
US-09-165-042-2
Sequence 2, Application US/09165042
Patent No. 6100077

GENERAL INFORMATION:
APPLICANT: Sturley, Stephen L.
APPLICANT: Oelkers, Peter
TITLE OF INVENTION: ISOLATION OF A GENE ENCODING DIACYLGLYCEROL
ACYLTRANSFERASE
FILE REFERENCE: 0575/56331
CURRENT APPLICATION NUMBER: US/09/165,042
CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn var. 2.0
SEQ ID NO 2
LENGTH: 1976
TYPE: DNA
ORGANISM: Yeast
US-09-165-042-2

Query Match          6.0%;  Score 20;  DB 3;  Length 1976;
Best Local Similarity 100.0%;  Pred. No. 0.045;  Mismatches 0;  Indels 0;  Gaps 0;
Matches 20;  Conservative 0;  MisMatches 0;  Indels 0;  Gaps 0;

Qy      22 CTCCCTGCTGGCGCTATGG 41
Db      823 CTCCCTGCTGGCGCTATGG 842

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RESULT 4
US-09-489-039A-1843
Sequence 1843, Application US/09489039A
Patent No. 6,610,836
GENERAL INFORMATION:
APPLICANT: Gary Breton et. al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
FILE REFERENCE: 2709-2004001
CURRENT APPLICATION NUMBER: US/09/489, 039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO: 14342
LENGTH: 939
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-489-039A-1843

Query Match 5.7%; Score 19; DB 4; Length 939;
Best Local Similarity 100.0%; Pred. No. 0.17%;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 27 TGTGCGCTGATGGAGA 45
Db 377 TGTGCGCTGATGGAGA 395

RESULT 5
US-09-252-991A-5614
Sequence 5614, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT FILING DATE: 1999-01-18
PRIOR APPLICATION NUMBER: US/09/252,991A
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO: 5614
LENGTH: 2436
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-5614

Query Match 5.1%; Score 17; DB 4; Length 1512;
Best Local Similarity 100.0%; Pred. No. 2.8%;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 25 CCTGCTGGCGTGTATGG 41
Db 655 CCTGCTGGCGTGTATGG 671

RESULT 6
US-09-252-991A-5584/c
Sequence 5584, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT FILING DATE: 1999-01-18
PRIOR APPLICATION NUMBER: US/09/252,991A
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO: 887
LENGTH: 390
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-489-039A-887

Query Match 4.8%; Score 16; DB 4; Length 390;
Best Local Similarity 100.0%; Pred. No. 9.9%;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 7
US-09-252-991A-5645
Sequence 5645, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US/09/252,991A
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO: 5645
LENGTH: 2436
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-5645

Query Match 5.1%; Score 17; DB 4; Length 2436;
Best Local Similarity 100.0%; Pred. No. 2.9%;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 25 CCTGCTGGCGTGTATGG 41
Db 888 CCTGCTGGCGTGTATGG 904

RESULT 8
US-09-489-039A-887/C
Sequence 887, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
APPLICANT: Gary Breton et. al.
TITLE OF INVENTION: PNEUMONIA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709-2004001
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO: 887
LENGTH: 390
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-489-039A-887

Query Match 4.8%; Score 16; DB 4; Length 390;
Best Local Similarity 100.0%; Pred. No. 9.9%;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 25 CCTGCTGGCTGCTGATG 40
 Db 173 CCTGCTGGCTGCTGATG 158
 RESULT 9
 Sequence 1639, Application US/09621976
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Jobert, S.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 FILE REFERENCE: GENSET 054PR2
 CURRENT APPLICATION NUMBER: US/09/621,976
 CURRENT FILING DATE: 2000-07-21
 NUMBER OF SEQ ID NOS: 19335
 SEQ ID NO 1639
 LENGTH: 478
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURES:
 NAME/KEY: CDS
 LOCATION: 47..274
 NAME/KEY: B19 peptide
 LOCATION: 47..124
 OTHER INFORMATION: Von Heijne matrix
 OTHER INFORMATION: score 5.4000009536743
 OTHER INFORMATION: seq LIVAWLWPKCTLT/CV
 US-09-621-976-1639

Query Match 4.8%; Score 16; DB 4; Length 478;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 16; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 159 CAAGGAGGAGATGTG 174
 Db 164 CAAGGAGGAGATGTG 149
 RESULT 10
 US-09-621-976-18442
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Jobert, S.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 FILE REFERENCE: GENSET 054PR2
 CURRENT APPLICATION NUMBER: US/09/621,976
 CURRENT FILING DATE: 2000-07-21
 NUMBER OF SEQ ID NOS: 19335
 SOFTWARE: Patent .pm
 SEQ ID NO 1442
 LENGTH: 518
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-621-976-18442

Query Match 4.8%; Score 16; DB 4; Length 518;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 16; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 29 CTGGCGCTGATGGAG 44
 Db 10 CTGGCGCTGATGGAG 25
 RESULT 11
 US-09-489-039A-94

Sequence 94, Application US/09489039A
 Patent No. 6610836
 GENERAL INFORMATION:
 APPLICANT: Gary Breton et. al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
 FILE REFERENCE: 2709.2004001
 CURRENT APPLICATION NUMBER: US/09/489, 039A
 CURRENT FILING DATE: 2000-01-27
 PRIORITY NUMBER: US 60/117,747
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 94
 LENGTH: 651
 TYPE: DNA
 ORGANISM: Klebsiella pneumoniae
 US-09-489-039A-94

Query Match 4.8%; Score 16; DB 4; Length 651;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 16; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 25 CCTGCTGGCTGATG 40
 Db 213 CCTGCTGGCTGATG 228

RESULT 12
 US-09-489-039A-4386
 Sequence 4386, Application US/09489039A
 GENERAL INFORMATION:
 APPLICANT: Gary Breton et. al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
 FILE REFERENCE: 2709.2004001
 CURRENT APPLICATION NUMBER: US/09/489, 039A
 CURRENT FILING DATE: 2000-01-27
 PRIORITY NUMBER: US 60/117,747
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 4386
 LENGTH: 771
 TYPE: DNA
 ORGANISM: Klebsiella pneumoniae
 US-09-489-039A-4386

Query Match 4.8%; Score 16; DB 4; Length 771;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 16; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 25 CCTGCTGGCTGATG 40
 Db 201 CCTGCTGGCTGATG 216

RESULT 13
 US-09-489-039A-4989
 Sequence 4989, Application US/09489039A
 Patent No. 6610836
 GENERAL INFORMATION:
 APPLICANT: Gary Breton et. al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
 FILE REFERENCE: 2709.2004001
 CURRENT APPLICATION NUMBER: US/09/489, 039A
 CURRENT FILING DATE: 2000-01-27
 PRIORITY NUMBER: US 60/117,747
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 4989
 LENGTH: 960
 TYPE: DNA

ORGANISM: Klebsiella pneumoniae

US-09-489-039A-4989

Query Match 4.8%; Score 16; DB 4; Length 960;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 24 CCCCTGCTGCGCTGAT 39
 Db 170 CCCCTGCTGCGCTGAT 185

RESULT 14

US-09-543-681A-1655/C
 Sequence 1655, Application US/09543681A
 Patent No. 66105109
 GENERAL INFORMATION:
 APPLICANT: GARY BRETON
 TITLE OF INVENTION: NUCLEARIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 FILE REFERENCE: 2709.1002-001
 CURRENT APPLICATION NUMBER: US/09/543, 681A
 CURRENT FILING DATE: 2000-04-05
 PRIOR APPLICATION NUMBER: US 60/128,706
 PRIOR FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 8344
 SEQ ID NO 1655
 LENGTH: 1020
 TYPE: DNA
 ORGANISM: Proteus mirabilis
 US-09-543-681A-1655

Query Match 4.8%; Score 16; DB 4; Length 1020;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 159 CAAGGAAAGATACTG 174

Db 636 CAAGGAAAGATACTG 621

RESULT 15

US-09-489-039A-754
 Sequence 754, Application US/09489039A
 Patent No. 6610336
 GENERAL INFORMATION:
 APPLICANT: GARY BRETON et. al
 TITLE OF INVENTION: NUCLEARIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
 FILE REFERENCE: 2709.2004001
 CURRENT APPLICATION NUMBER: US/09/489, 039A
 CURRENT FILING DATE: 2000-01-27
 PRIOR APPLICATION NUMBER: US 60/117,747
 PRIOR FILING DATE: 1999-01-29
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 754
 LENGTH: 1023
 TYPE: DNA
 ORGANISM: Klebsiella pneumoniae
 US-09-489-039A-754

Query Match 4.8%; Score 16; DB 4; Length 1023;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 26 CTGCTGGCTGATGG 41

Db 607 CTGCTGGCTGATGG 622

Search completed: June 4, 2004, 17:54:11
 Job time : 83 secs

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4	22	6.5	455	15	US-10-198-846-8657		Sequence 8657, App1		
5	22	6.5	1878	15	US-10-037-270-625		Sequence 625, App1		
6	22	6.5	1878	16	US-10-117-722-625		Sequence 625, App1		
7	22	6.5	2061	15	US-10-198-846-11013		Sequence 11013, App1		
8	20	6.0	371	9	US-09-867-701-5894		Sequence 5894, App1		
9	20	6.0	457	9	US-09-867-701-2415		Sequence 2415, App1		
10	20	6.0	1411	15	US-10-273-438-1		Sequence 1, App1		
11	20	6.0	1411	15	US-10-040-35A-1		Sequence 1, App1		
12	20	6.0	1411	17	US-10-659-801		Sequence 1, App1		
13	20	6.0	1467	15	US-10-278-733-2		Sequence 2, App1		
14	20	6.0	1467	15	US-10-278-733-2		Sequence 9, App1		
15	20	6.0	1895	14	US-10-157-855-14		Sequence 14, App1		
16	20	6.0	4237	9	US-09-962-632-117		Sequence 117, App1		
17	20	6.0	4237	10	US-09-873-367C-319		Sequence 319, App1		
18	19	5.7	927	13	US-10-282-122A-23461		Sequence 23461, App1		
19	18	5.4	96597	12	US-09-864-761-30713		Sequence 103, App1		
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c	c	21	17	5.1	382	9	US-09-864-761-16753		Sequence 14158, App1
c	c	22	17	5.1	2442	13	US-10-282-122A-15759		Sequence 16753, App1
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c	c	24	17	5.1	537	13	US-10-027-632-181194		Sequence 181194, App1
c	c	25	17	5.1	931	13	US-10-024-599-129252		Sequence 129252, App1
c	c	26	17	5.1	969	13	US-10-424-599-58696		Sequence 58696, App1
c	c	27	17	5.1	969	13	US-10-424-599-11139		Sequence 11139, App1
c	c	28	17	5.1	2442	13	US-10-098-263B-24725		Sequence 15579, App1
c	c	29	17	5.1	475	15	US-10-098-263B-25361		Sequence 24725, App1
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c	c	32	16	4.8	343	16	US-10-027-632-183602		Sequence 183602, App1
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c	c	35	16	4.8	399	10	US-09-803-719-816		Sequence 816, App1
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c	c	39	16	4.8	415	13	US-10-424-599-93488		Sequence 93488, App1
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c	c	49	16	4.8	482	13	US-10-027-632-79522		Sequence 79522, App1
c	c	50	16	4.8	492	13	US-10-027-632-79523		Sequence 79523, App1
c	c	51	16	4.8	482	13	US-10-027-632-81069		Sequence 81069, App1
c	c	52	16	4.8	482	13	US-10-027-632-81070		Sequence 81070, App1
c	c	53	16	4.8	482	13	US-10-027-632-301221		Sequence 301221, App1
c	c	54	16	4.8	482	13	US-10-027-632-301221		Sequence 301221, App1
c	c	55	16	4.8	482	16	US-10-027-632-79522		Sequence 79522, App1
c	c	56	16	4.8	482	16	US-10-027-632-79523		Sequence 79523, App1
c	c	57	16	4.8	482	16	US-10-027-632-81069		Sequence 81069, App1
c	c	58	16	4.8	482	16	US-10-027-632-81070		Sequence 81070, App1
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c	c	61	16	4.8	536	13	US-10-027-632-44927		Sequence 44927, App1
c	c	62	16	4.8	536	16	US-10-027-632-44927		Sequence 44927, App1
c	c	63	16	4.8	649	13	US-10-027-632-21615		Sequence 21615, App1
c	c	64	16	4.8	649	16	US-10-027-632-21615		Sequence 21615, App1
c	c	65	16	4.8	834	16	US-10-027-632-173702		Sequence 173702, App1
c	c	66	16	4.8	834	16	US-10-027-632-173702		Sequence 173702, App1
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c	c	72	16	4.8	834	16	US-10-027-632-173702		Sequence 173702, App1
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c	c	76	16	4.8	1639	15	US-10-09-866-059A-550		Sequence 550, App1
c	c	77	16	4.8	1639	15	US-10-112-661-550		Sequence 550, App1
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c	c	80	16	4.8	1694	13	US-10-027-632-265713		Sequence 265713, App1
c	c	81	16	4.8	1694	16	US-10-027-632-265713		Sequence 265713, App1
c	c	82	16	4.8	1764	16	US-10-39-493-37289		Sequence 37289, App1
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c	c	84	16	4.8	2160	16	US-10-39-8-221-2778		Sequence 2778, App1
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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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109	16	4..8	41253	12	US-10-041-018-19	Sequence 35506, A	c 177	15	4..5	461	9	US-09-783-590-5536	
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c	120	15	4..5	417	9	US-09-923-876-372	Sequence 372, App	c 193	15	4..5	559	15	US-10-029-386-4224
c	121	15	4..5	417	9	US-09-923-876-372	Sequence 372, App	c 194	15	4..5	576	13	US-10-073-632-85589
c	122	15	4..5	417	9	US-10-029-386-372	Sequence 18480, A	c 195	15	4..5	576	16	US-10-027-632-85589
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c	124	15	4..5	417	13	US-10-424-559-99179	Sequence 10294, A	c 197	15	4..5	585	16	US-10-242-535A-13833
c	125	15	4..5	417	15	US-10-424-559-10914	Sequence 16027, A	c 198	15	4..5	596	15	US-10-085-599-40
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c	136	15	4..5	417	16	US-10-027-632-53399	Sequence 53399, A	c 209	15	4..5	650	16	Sequence 261514,
c	137	15	4..5	417	16	US-10-242-559-11562	Sequence 5957, App	c 210	15	4..5	650	16	Sequence 261514,
c	138	15	4..5	417	13	US-10-125-258-7	Sequence 124672, A	c 211	15	4..5	652	13	Sequence 5727, AP
c	139	15	4..5	417	13	US-10-085-733A-3930	Sequence 7, App	c 212	15	4..5	652	16	Sequence 1451, AP
c	140	15	4..5	417	13	US-10-085-733A-3930	Sequence 35565, A	c 213	15	4..5	653	15	Sequence 634, APP
c	141	15	4..5	417	13	US-10-085-733A-3930	Sequence 10240, A	c 214	15	4..5	676	13	Sequence 194829,
c	142	15	4..5	417	16	US-10-242-531A-23874	Sequence 23874, A	c 215	15	4..5	663	13	US-10-027-332-234945
c	143	15	4..5	417	16	US-10-085-733A-3930	Sequence 4374, A	c 216	15	4..5	663	13	Sequence 194830,
c	144	15	4..5	417	13	US-10-124-559-124672	Sequence 124672, A	c 217	15	4..5	663	16	Sequence 1451, AP
c	145	15	4..5	417	13	US-10-085-733A-3930	Sequence 30318, A	c 218	15	4..5	663	16	Sequence 194830,
c	146	15	4..5	417	13	US-10-085-733A-3930	Sequence 43489, A	c 219	15	4..5	663	16	Sequence 1451, AP
c	147	15	4..5	417	13	US-10-085-733A-3930	Sequence 4274, A	c 220	15	4..5	676	13	Sequence 194830,
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c	149	15	4..5	417	9	US-10-001-885-43	Sequence 43, App	c 222	15	4..5	676	13	Sequence 194830,
c	150	15	4..5	417	9	US-09-960-352-9463	Sequence 9463, App	c 223	15	4..5	676	13	Sequence 194830,
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830	15	4.5	1174	15	US-10-176-49-353	Sequence 353, APP	903	15	4.5	1559	13	US-10-212-122A-1926	Sequence 1926, A
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833	15	4.5	1174	15	US-10-176-983-353	Sequence 353, APP	C 906	15	4.5	1629	13	US-10-405-114-1294	Sequence 1224, App
834	15	4.5	1174	15	US-10-176-988-353	Sequence 353, APP	C 907	15	4.5	1644	16	US-10-309-493-44898	Sequence 44898, A
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836	15	4.5	1174	15	US-10-179-521-353	Sequence 353, APP	909	15	4.5	1686	13	US-10-405-114-2078	Sequence 2078, App1
837	15	4.5	1174	15	US-10-017-876A-323	Sequence 323, APP	910	15	4.5	1727	16	US-10-204-237-1163	Sequence 1613, App1
838	15	4.5	1174	15	US-10-012-72A-323	Sequence 323, APP	911	15	4.5	1839	8	US-08-578-684-3	Sequence 3, App1
839	15	4.5	1174	15	US-10-202-475-353	Sequence 353, APP	912	15	4.5	1842	13	US-10-182-122A-26496	Sequence 24496, A
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853	15	4.5	1174	15	US-10-012-27A-323	Sequence 323, APP	C 926	15	4.5	2126	15	US-10-30-452A-8	Sequence 8, App1
854	15	4.5	1174	15	US-10-013-906A-323	Sequence 323, APP	C 927	15	4.5	2127	15	US-10-300-452A-10	Sequence 10, App1
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856	15	4.5	1174	15	US-10-012-713A-323	Sequence 323, APP	C 929	15	4.5	2156	13	US-10-14-274	Sequence 274, App
857	15	4.5	1174	15	US-10-015-388A-323	Sequence 323, APP	C 930	15	4.5	2162	16	US-10-425-114-27271	Sequence 27271, A
858	15	4.5	1174	15	US-10-007-286A-323	Sequence 323, APP	C 931	15	4.5	2290	13	US-09-930-213-305	Sequence 305, App
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860	15	4.5	1174	15	US-10-012-27A-323	Sequence 323, APP	C 933	15	4.5	2418	15	US-10-20-024-049-500	Sequence 5, App1
861	15	4.5	1174	15	US-10-013-915A-323	Sequence 323, APP	C 934	15	4.5	2423	16	US-10-085-117-182	Sequence 182, App
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866	15	4.5	1174	15	US-10-195-904-353	Sequence 353, APP	C 940	15	4.5	2497	15	US-10-30-452A-5	Sequence 5, App1
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872	15	4.5	1174	15	US-10-202-471-353	Sequence 353, APP	946	15	4.5	2681	15	US-10-301-531-23	Sequence 155, App1
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968	15	4.5	4236	16	US-10-085-117-2121
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992	15	4.5	38977	13	US-10-087-192-1321
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RESULT 1
S-10-355-716-74
Sequence 74, Application US/10355716
Publication No. US20030216339A1
GENERAL INFORMATION:
APPLICANT: Cynader, Max
PRASAD, Shiv
TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL
PLASTICITY AND METHODS RELATED THERETO
NUMBER OF SEQUENCES: 132
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group PLLC
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10355,716
FILING DATE: 31-Jan-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/301,507
FILING DATE: 28-Apr-1999
ATTORNEY/AGENT INFORMATION:
NAME: Potter, Jane F. R.

RESULT 2
US-10-355-716-76
Sequence 76, Application US/10355716
Publication No. US20030216339A1
GENERAL INFORMATION:
APPLICANT: Cynader, Max
TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO
NUMBER OF SEQUENCES: 132
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group PLLC
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/355,716
FILING DATE: 31-Jan-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/301,507
FILING DATE: 28-Apr-1999
ATTORNEY/AGENT INFORMATION:

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; REGISTRATION NUMBER: 33_332
; REFERENCE/DOCKET NUMBER: 230018.401C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SBQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 316 base pairs
; TYPE: nucleic acid
; STRANDBNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:
; US-10-3555716-74

Query Match      100 0%; Score 336; DB 16; Length 336;
Best Local Similarity 100 0%; Pred. No. 3.3e-187;
Matches 336; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      1 CGCTGGATCTTCTATGCCCTCTGGGCTATGCCGATACAGACAGCAAAAC 60
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Db      61 GGACACTCTGINTCAAGATCGACTCGACACCCTCTGCCTGCTGAGGACCACATATGTT 120
Qy      121 GNATTCTATCAAGCTTCAAGCTGNTCAAGCTGNTCAAGGAAGATACTGGGAGTC 180
Db      121 GNATTCTATCAAGCTTCAAGCTGNTCAAGCTGNTCAAGGAAGATACTGGGAGTC 180
Qy      181 TTCTGTGAGACCTATCTGAATCCCGNNTGGCCTGAGNTTCCAGGGNNCTGTGTC 240
Db      181 TTCTGTGAGACCTATCTGAATCCCGNNTGGCCTGAGNTTCCAGGGNNCTGTGTC 240
Qy      241 CCATCCGCTAGGGTTCAAGNAAGGGGGCCGNCATGGCATCTTGGCAAGNAGNA 300
Db      241 CCATCCGCTAGGGTTCAAGNAAGGGGGCCGNCATGGCATCTTGGCAAGNAGNA 300
Qy      241 CCATCCGCTAGGGTTCAAGNAAGGGGGCCGNCATGGCATCTTGGCAAGNAGNA 300
Db      241 CCATCCGCTAGGGTTCAAGNAAGGGGGCCGNCATGGCATCTTGGCAAGNAGNA 300

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NAME: Potter, Jane B. R.
REGISTRATION NUMBER: 33-332
REFERENCE/DOCKET NUMBER: 230018-401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 76:
US-10-355-716-76

Query Match 21.1%; Score 71; DB 16; Length 252;
Best Local Similarity 100.0%; Prod. No. 3.0e-31;
Matches 71; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
Publication No. US20030099974A1
SEQUENCE ID NO: 10198846
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steimann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TREATMENT OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 1775
LENGTH: 412
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 3, 203, 293, 343, 398
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-1775

Query Match 6.5%; Score 22; DB 15; Length 412;
Best Local Similarity 100.0%; Prod. No. 0.025;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
Publication No. US20030099974A1
SEQUENCE ID NO: 10198846
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TREATMENT OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 1775
LENGTH: 412
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 3, 203, 293, 343, 398
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-1775

Query Match 6.5%; Score 22; DB 15; Length 412;
Best Local Similarity 100.0%; Prod. No. 0.025;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
Publication No. US20030099974A1
SEQUENCE ID NO: 10198846
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TREATMENT OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: Fast-SEQ for Windows Version 4.0
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 3, 203, 293, 343, 398
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-1775

RESULT 3
US-10-198-846-1775
Sequence 1775, Application US/10198846
GENERAL INFORMATION:
Publication No. US20030099974A1
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steimann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TREATMENT OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 1775
LENGTH: 412
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 3, 203, 293, 343, 398
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-1775

RESULT 4
US-10-198-846-8657
Sequence 8657, Application US/10198846
GENERAL INFORMATION:
Publication No. US20030099974A1
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TREATMENT OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 1775
LENGTH: 412
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 3, 203, 293, 343, 398
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-8657

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Query Match      6.5%; Score 22; DB 15; Length 1878;
Best Local Similarity 100.0%; Pred. No. 0.024;
Matches 22; Conservative 0; Mismatches 0; Indels 0

  11 TTTCTATGCTTCCCTGCTGG 32
  473 TTTCTATGCTTCCCTGCTGG 494

RESULT 6
US-10-117-722-625
Sequence 625, Application US/10117722
Publication No. US20030219744A1
GENERAL INFORMATION:
  APPLICANT: Tang, Y. Tom
  APPLICANT: Liu, Chenghua
  APPLICANT: Asundi, Vinod
  APPLICANT: Zhang, Jie
  APPLICANT: Dumanac, Radoje T.
TITLE OF INVENTION: No. US20030219744A1 Nucleic Acids and
  TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784C1P2BCIP
CURRENT APPLICATION NUMBER: US/10/117,722
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: PC-PL-genes Version 1.0
SEQ ID NO 625
LENGTH: 1878
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (945)..(1229)

```

Query Match 6.5%; Score 22; DB 16; Length 1878;
 Best Local Similarity 100.0%; Pred. No. 0.024;

matrices	22;	conservative	U;	MIBII
Y	11	TTTCTATGCTTCCCTGTGG	32	
	172	TTTCTATGCTTCCCTGTGG	101	

RESULT 7

10-19-88-46-1813

GENERAL INFORMATION:
PUBLICATION NO. US20030099974A1
APPLICANT: Willie James

APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FOR IDENTIFYING AND SCREENING FOR GENES EXPRESSED IN
HUMAN TISSUE

FILE INVENTION: MR-1-049
TITLE OF INVENTION: THERAPY OF BREAST CANCER
CUTRNT APPLICATION NUMBER: TTS/10/198 946

CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-02-18

NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Wi
SEQ ID NO 11013
LENGTH: 2061
TYPE: DNA

ORGANISM: *Homo sapiens*

! TYPE: DNA
! ORGANISM: Homo sapien
! TIS-08-857-701-B04

```

Query Match      6.0%; Score 20; DB 9; Length 371;
Best Local Similarity 100.0%; Prod. No. 0.38;
Matches 20; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

```

Qy 22 CTCCTGCTGGCGTGATGG 41
Qy 24 CTCCTGCTGGCGTGATGG 42
Qy 26 CTCCTGCTGGCGTGATGG 43

RESULT 9
US-09-8667-701-2415
1. Semiconductor 2415 annlication US/09067701

GENERAL INFORMATION
PATENT NO. US20020134223/A1
APPLICANT: Agi late, Paul A.
APPLICANT: Jones, Robert C.
ATTORNEY: *[Signature]*

1. TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
2. TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
3. PCTP REFERENCE: 210112_497

CURRENT APPLICATION NUMBER: US/09/867, /01
CURRENT FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 10912

FEATURE: *;*

```

; NAME/KEY: misc_feature
; LOCATION: (1)...(45)
; OTHER INFORMATION: n = A,T,C or G
US-09-867-701-2415

Query Match 6.0%; Score 20; DB 9; Length 457;
Best Local Similarity 100.0%; Pred. No. 0.38;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO 1
; ORGANISM: homo sapiens
US-10-040-315A-1

Query Match 6.0%; Score 20; DB 15; Length 1411;
Best Local Similarity 100.0%; Pred. No. 0.37;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO 1
; ORGANISM: homo sapiens
US-10-040-315A-1

RESULT 10
; Sequence 1, Application US/10273438
; Publication No. US20030072757A1
; GENERAL INFORMATION:
; APPLICANT: Farese, Robert V.
; APPLICANT: Cases, Sylvaine
; APPLICANT: Erickson, Sandra
; TITLE OF INVENTION: Diacylglycerol O-Acyltransferase
; FILE REFERENCE: UCAL-105CIP2
; CURRENT APPLICATION NUMBER: US/10/273, 438
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US/10/040, 315
; PRIOR FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: 60/107, 771
; PRIOR FILING DATE: 1998-11-09
; PRIOR APPLICATION NUMBER: PCT/US98/17883
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: 09/103, 754
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 09/339, 472
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1411
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-273-438-1

Query Match 6.0%; Score 20; DB 15; Length 1411;
Best Local Similarity 100.0%; Pred. No. 0.37;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO 1
; ORGANISM: homo sapiens
US-10-040-315A-1

RESULT 11
; Sequence 1, Application US/100404315A
; Publication No. US20030167483A1
; GENERAL INFORMATION:
; APPLICANT: Farese, Robert V.
; APPLICANT: Cases, Sylvaine
; APPLICANT: Smith, Steven
; TITLE OF INVENTION: Diacylglycerol O-Acyltransferase
; FILE REFERENCE: UCAL-105CIP2
; CURRENT APPLICATION NUMBER: US/10/040, 315A
; CURRENT FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: 60/107, 771
; PRIOR FILING DATE: 1998-11-09
; PRIOR APPLICATION NUMBER: PCT/US98/17883
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: 09/103, 754
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 09/339, 472
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1411
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-273-438-1

RESULT 12
; Sequence 1, Application US/10659800
; Publication No. US20040078836A1
; GENERAL INFORMATION:
; APPLICANT: Farese, Robert V.
; APPLICANT: Cases, Sylvaine
; APPLICANT: Erickson, Sandra
; TITLE OF INVENTION: Diacylglycerol O-Acyltransferase
; FILE REFERENCE: UCAL-105CIP2CON2
; CURRENT APPLICATION NUMBER: US/10/659, 800
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 10/040, 315
; PRIOR FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: 60/107, 771
; PRIOR FILING DATE: 1998-11-09
; PRIOR APPLICATION NUMBER: PCT/US98/17883
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: 09/103, 754
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 09/339, 472
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1411
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-659-800-1

Query Match 6.0%; Score 20; DB 17; Length 1411;
Best Local Similarity 100.0%; Pred. No. 0.37;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO 1
; ORGANISM: homo sapiens
US-10-659-800-1

RESULT 13
; Sequence 2, Application US/10278733
; Publication No. US20030100480A1
; GENERAL INFORMATION:
; APPLICANT: Smith, Steven
; APPLICANT: Chen, Hubert
; APPLICANT: Farese, Robert V. JR
; TITLE OF INVENTION: Methods and compositions for modulating
; TITLE OF INVENTION: Sebaceous glands
; FILE REFERENCE: UCAL-105CIP4
; CURRENT APPLICATION NUMBER: US/10/278, 733
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/107, 771
; PRIOR FILING DATE: 1998-11-09
; PRIOR APPLICATION NUMBER: PCT/US98/17883
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: 09/103, 754
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 09/339, 472
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1411
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-278-733-2

```

PRIOR FILING DATE: 2001-10-29
 PRIOR APPLICATION NUMBER: 09/339,472
 PRIOR FILING DATE: 1999-06-23
 PRIOR APPLICATION NUMBER: 60/107,771
 PRIOR FILING DATE: 1998-11-09
 PRIOR APPLICATION NUMBER: PCT/US98/17883
 PRIOR FILING DATE: 1998-08-28
 PRIOR APPLICATION NUMBER: 09/103,754
 PRIOR FILING DATE: 1998-05-24
 NUMBER OF SEQ ID NOS: 24
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 2
 LENGTH: 1467
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: (1)...(1467)
 OTHER INFORMATION: Homo sapiens diacylglycerol O-acyltransferase
 US-10-278-733-2
 Query Match 6.0%; Score 20; DB 15; Length 1467;
 Best Local Similarity 100.0%; Pred. No. 0.37%;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 22 CTCCTGCTGGCCTGATGG 41
 Db 579 CTCCTGCTGGCCTGATGG 598

RESULT 14
 US-10-278-733-2
 Sequence 9, Application US/10278733
 Publication No. US20030100480A1
 GENERAL INFORMATION:
 APPLICANT: Smith, Steven
 APPLICANT: Chen, Hubert
 APPLICANT: Farese, Robert V Jr
 TITLE OF INVENTION: Methods and compositions for modulating
 sebaceous glands
 FILE REFERENCE: UCAL-105CIP4
 CURRENT APPLICATION NUMBER: US/10/278,733
 CURRENT FILING DATE: 2002-10-21
 PRIOR APPLICATION NUMBER: 10/040,315
 PRIOR FILING DATE: 2001-10-29
 PRIOR APPLICATION NUMBER: 09/339,472
 PRIOR FILING DATE: 1999-06-23
 PRIOR APPLICATION NUMBER: 60/107,771
 PRIOR FILING DATE: 1998-11-09
 PRIOR APPLICATION NUMBER: PCT/US98/17883
 PRIOR FILING DATE: 1998-08-28
 PRIOR APPLICATION NUMBER: 09/103,754
 NUMBER OF SEQ ID NOS: 24
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 9
 LENGTH: 1467
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: (1)...(1467)
 OTHER INFORMATION: Homo sapiens diacylglycerol O-acyltransferase
 US-10-278-733-2

Db 579 CTCCCTGCTGGCCTGATGG 598
 RESULT 15
 US-10-157-855-14
 Sequence 14, Application US/10157855
 Publication No. US20020170091A1
 GENERAL INFORMATION:
 APPLICANT: Lassner, Michael W.
 APPLICANT: Ruzsinsky, Diane M.
 TITLE OF INVENTION: Acyl-CoA:Cholesterol Acyltransferase Related Nucleic Acid Sequences
 FILE REFERENCE: 16516.15B
 CURRENT APPLICATION NUMBER: US/10/157,855
 CURRENT FILING DATE: 2002-05-31
 PRIOR APPLICATION NUMBER: 09/326,203
 PRIOR FILING DATE: 1999-06-04
 PRIOR APPLICATION NUMBER: 60/088,143
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/108,389
 NUMBER OF SEQ ID NOS: 46
 SEQ ID NO 14
 LENGTH: 1895
 TYPE: DNA
 ORGANISM: Human
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (209)
 OTHER INFORMATION: n at position 209 is unknown
 US-10-157-855-14
 Query Match 6.0%; Score 20; DB 14; Length 1895;
 Best Local Similarity 100.0%; Pred. No. 0.37%;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 22 CTCCCTGCTGGCCTGATGG 41
 Db 524 CTCCCTGCTGGCCTGATGG 543

Search completed: June 4, 2004, 18:54:22
 Job time : 296 secs

Query Match 6.0%; Score 20; DB 15; Length 1467;
 Best Local Similarity 100.0%; Pred. No. 0.37%;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 22 CTCCCTGCTGGCCTGATGG 41
 Db 524 CTCCCTGCTGGCCTGATGG 543